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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**FORM 10-Q**

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(Mark One)

**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**For the Quarterly Period Ended June 30, 2018**

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**Commission File Number 1-3610**

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**ARCONIC INC.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State of  
incorporation)

**390 Park Avenue, New York, New York**  
(Address of principal executive offices)

**25-0317820**  
(I.R.S. Employer  
Identification No.)

**10022-4608**  
(Zip code)

**Investor Relations 212-836-2758**  
**Office of the Secretary 212-836-2732**  
(Registrant's telephone number including area code)

(Former name, former address and former fiscal year, if changed since last report)

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Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

As of July 25, 2018, there were 482,954,718 shares of common stock, par value \$1.00 per share, of the registrant outstanding.

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**PART I – FINANCIAL INFORMATION**

**Item 1. Financial Statements.**

**Arconic and subsidiaries**  
**Statement of Consolidated Operations (unaudited)**  
**(in millions, except per-share amounts)**

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Sales (C & D)	\$ 3,573	\$ 3,261	\$ 7,018	\$ 6,453
Cost of goods sold (exclusive of expenses below)	2,903	2,549	5,671	5,007
Selling, general administrative, and other expenses	158	200	330	417
Research and development expenses	29	29	52	57
Provision for depreciation and amortization	144	137	286	270
Restructuring and other charges (E)	15	26	22	99
Operating income	324	320	657	603
Interest expense (N)	89	183	203	298
Other expense (income), net (F)	41	(132)	61	(448)
Income before income taxes	194	269	393	753
Provision for income taxes (H)	74	57	130	219
Net income	\$ 120	\$ 212	\$ 263	\$ 534
<b>Amounts Attributable to Arconic Common Shareholders (I):</b>				
Net income	\$ 120	\$ 194	\$ 262	\$ 499
Earnings per share - basic	\$ 0.25	\$ 0.44	\$ 0.54	\$ 1.13
Earnings per share - diluted	\$ 0.24	\$ 0.43	\$ 0.53	\$ 1.07
Dividends paid per share	\$ 0.06	\$ 0.06	\$ 0.12	\$ 0.12
<b>Average Shares Outstanding (I):</b>				
Average shares outstanding - basic	483	441	483	440
Average shares outstanding - diluted	502	462	502	500

The accompanying notes are an integral part of the consolidated financial statements.

**Arconic and subsidiaries**  
**Statement of Consolidated Comprehensive Income (unaudited)**  
(in millions)

	Arconic		Noncontrolling Interests		Total	
	2018	2017	2018	2017	2018	2017
<b>Second quarter ended June 30,</b>						
Net income	\$ 120	\$ 212	\$ —	\$ —	\$ 120	\$ 212
Other comprehensive (loss) income, net of tax (J):						
Change in unrecognized net actuarial loss and prior service cost/benefit related to pension and other postretirement benefits	29	48	—	—	29	48
Foreign currency translation adjustments	(201)	99	—	—	(201)	99
Net change in unrealized gains on available-for-sale securities	(2)	(101)	—	—	(2)	(101)
Net change in unrecognized losses/gains on cash flow hedges	4	(2)	—	—	4	(2)
<b>Total Other comprehensive (loss) income, net of tax</b>	<b>(170)</b>	<b>44</b>	<b>—</b>	<b>—</b>	<b>(170)</b>	<b>44</b>
<b>Comprehensive (loss) income</b>	<b>\$ (50)</b>	<b>\$ 256</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ (50)</b>	<b>\$ 256</b>

	Arconic		Noncontrolling Interests		Total	
	2018	2017	2018	2017	2018	2017
<b>Six months ended June 30,</b>						
Net income	\$ 263	\$ 534	\$ —	\$ —	\$ 263	\$ 534
Other comprehensive income, net of tax (J):						
Change in unrecognized net actuarial loss and prior service cost/benefit related to pension and other postretirement benefits	172	79	—	—	172	79
Foreign currency translation adjustments	(79)	166	—	—	(79)	166
Net change in unrealized gains on available-for-sale securities	(2)	(134)	—	—	(2)	(134)
Net change in unrecognized gains/losses on cash flow hedges	(3)	3	—	—	(3)	3
<b>Total Other comprehensive income, net of tax</b>	<b>88</b>	<b>114</b>	<b>—</b>	<b>—</b>	<b>88</b>	<b>114</b>
<b>Comprehensive income</b>	<b>\$ 351</b>	<b>\$ 648</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 351</b>	<b>\$ 648</b>

The accompanying notes are an integral part of the consolidated financial statements.

**Arconic and subsidiaries**  
**Consolidated Balance Sheet (unaudited)**  
(in millions)

	June 30, 2018	December 31, 2017
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 1,455	\$ 2,150
Receivables from customers, less allowances of \$5 in 2018 and \$8 in 2017 (K)	1,159	1,035
Other receivables (K)	478	339
Inventories (L)	2,659	2,480
Prepaid expenses and other current assets	324	374
Total current assets	6,075	6,378
Properties, plants, and equipment, net (M)	5,582	5,594
Goodwill (A & M)	4,518	4,535
Deferred income taxes	626	743
Intangibles, net	963	987
Other noncurrent assets	455	481
<b>Total assets</b>	<b>\$ 18,219</b>	<b>\$ 18,718</b>
<b>Liabilities</b>		
Current liabilities:		
Accounts payable, trade	\$ 2,024	\$ 1,839
Accrued compensation and retirement costs	364	399
Taxes, including income taxes	69	75
Accrued interest payable	113	124
Other current liabilities	362	349
Short-term debt	45	38
Total current liabilities	2,977	2,824
Long-term debt, less amount due within one year (N & O)	6,312	6,806
Accrued pension benefits (G)	2,184	2,564
Accrued other postretirement benefits	815	841
Other noncurrent liabilities and deferred credits	713	759
Total liabilities	13,001	13,794
Contingencies and commitments (Q)		
<b>Equity</b>		
Arconic shareholders' equity:		
Preferred stock	55	55
Common stock	483	481
Additional capital	8,295	8,266
Accumulated deficit	(1,073)	(1,248)
Accumulated other comprehensive loss (J)	(2,556)	(2,644)
Total Arconic shareholders' equity	5,204	4,910
Noncontrolling interests	14	14
Total equity	5,218	4,924
<b>Total liabilities and equity</b>	<b>\$ 18,219</b>	<b>\$ 18,718</b>

The accompanying notes are an integral part of the consolidated financial statements.

**Arconic and subsidiaries**  
**Statement of Consolidated Cash Flows (unaudited)**  
**(in millions)**

	<b>Six months ended</b>	
	<b>June 30,</b>	
	<b>2018</b>	<b>2017</b>
<b>Operating activities</b>		
Net income	\$ 263	\$ 534
Adjustments to reconcile net income to cash used for operations:		
Depreciation and amortization	286	270
Deferred income taxes	47	27
Restructuring and other charges	22	99
Net loss (gain) from investing activities - asset sales (F)	5	(515)
Net periodic pension benefit cost (G)	71	108
Stock-based compensation	29	48
Other	50	115
Changes in assets and liabilities, excluding effects of acquisitions, divestitures, and foreign currency translation adjustments:		
(Increase) in receivables (B)	(709)	(567)
(Increase) in inventories	(220)	(150)
Decrease in prepaid expenses and other current assets	8	30
Increase (decrease) in accounts payable, trade	218	(69)
(Decrease) in accrued expenses	(84)	(105)
Increase in taxes, including income taxes	37	121
Pension contributions	(237)	(163)
(Increase) in noncurrent assets	(4)	(60)
(Decrease) in noncurrent liabilities	(42)	(39)
<b>Cash used for operations</b>	<b>(260)</b>	<b>(316)</b>
<b>Financing Activities</b>		
Net change in short-term borrowings (original maturities of three months or less)	5	9
Additions to debt (original maturities greater than three months)	300	512
Premiums paid on early redemption of debt (B & N)	(17)	(52)
Payments on debt (original maturities greater than three months) (N)	(801)	(1,333)
Proceeds from exercise of employee stock options	13	26
Dividends paid to shareholders	(60)	(88)
Distributions to noncontrolling interests	—	(14)
Other	(17)	(15)
<b>Cash used for financing activities</b>	<b>(577)</b>	<b>(955)</b>
<b>Investing Activities</b>		
Capital expenditures	(288)	(229)
Proceeds from the sale of assets and businesses (P)	5	(9)
Sales of investments (F)	9	888
Cash receipts from sold receivables (B & K)	420	285
Other	—	244
<b>Cash provided from investing activities</b>	<b>146</b>	<b>1,179</b>
<b>Effect of exchange rate changes on cash, cash equivalents and restricted cash</b>	<b>(2)</b>	<b>4</b>
Net change in cash, cash equivalents and restricted cash (B)	(693)	(88)
Cash, cash equivalents and restricted cash at beginning of year (B)	2,153	1,878
<b>Cash, cash equivalents and restricted cash at end of period (B)</b>	<b>\$ 1,460</b>	<b>\$ 1,790</b>

The accompanying notes are an integral part of the consolidated financial statements.

**Arconic and subsidiaries**  
**Statement of Changes in Consolidated Equity (unaudited)**  
(in millions, except per-share amounts)

	Arconic Shareholders								Total Equity
	Preferred stock	Mandatory convertible preferred stock	Common stock	Additional capital	Accumulated deficit	Accumulated other comprehensive loss	Noncontrolling interests		
Balance at December 31, 2016	\$ 55	\$ 3	\$ 438	\$ 8,214	\$ (1,027)	\$ (2,568)	\$ 26	\$ 5,141	
Net income	—	—	—	—	534	—	—	534	
Other comprehensive income (J)	—	—	—	—	—	114	—	114	
Cash dividends declared:									
Preferred-Class A @ \$1.875 per share	—	—	—	—	(1)	—	—	(1)	
Preferred-Class B @ \$13.4375 per share	—	—	—	—	(34)	—	—	(34)	
Common @ \$0.12 per share	—	—	—	—	(54)	—	—	(54)	
Stock-based compensation	—	—	—	48	—	—	—	48	
Common stock issued: compensation plans	—	—	3	—	—	—	—	3	
Distributions	—	—	—	—	—	—	(14)	(14)	
Other	—	—	—	—	15	—	1	16	
Balance at June 30, 2017	\$ 55	\$ 3	\$ 441	\$ 8,262	\$ (567)	\$ (2,454)	\$ 13	\$ 5,753	

	Arconic Shareholders								Total Equity
	Preferred stock	Mandatory convertible preferred stock	Common stock	Additional capital	Accumulated deficit	Accumulated other comprehensive loss	Noncontrolling interests		
Balance at December 31, 2017	\$ 55	\$ —	\$ 481	\$ 8,266	\$ (1,248)	\$ (2,644)	\$ 14	\$ 4,924	
Net income	—	—	—	—	263	—	—	263	
Other comprehensive income (J)	—	—	—	—	—	88	—	88	
Cash dividends declared:									
Preferred-Class A @ \$1.875 per share	—	—	—	—	(1)	—	—	(1)	
Common @ \$0.18 per share	—	—	—	—	(87)	—	—	(87)	
Stock-based compensation	—	—	—	29	—	—	—	29	
Common stock issued: compensation plans	—	—	2	—	—	—	—	2	
Balance at June 30, 2018	\$ 55	\$ —	\$ 483	\$ 8,295	\$ (1,073)	\$ (2,556)	\$ 14	\$ 5,218	

The accompanying notes are an integral part of the consolidated financial statements.

**Arconic and subsidiaries**  
**Notes to the Consolidated Financial Statements (unaudited)**  
**(dollars in millions, except per-share amounts)**

**A. Basis of Presentation**

The interim Consolidated Financial Statements of Arconic Inc. and its subsidiaries (“Arconic” or the “Company”) are unaudited. These Consolidated Financial Statements include all adjustments, consisting only of normal recurring adjustments, considered necessary by management to fairly state the Company’s results of operations, financial position, and cash flows. The results reported in these Consolidated Financial Statements are not necessarily indicative of the results that may be expected for the entire year. The 2017 year-end balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America (“GAAP”). This Form 10-Q report should be read in conjunction with Arconic’s Annual Report on Form 10-K for the year ended December 31, 2017, which includes all disclosures required by GAAP. Certain amounts in previously issued financial statements were reclassified to conform to the current period presentation (see below and Note D).

On January 1, 2018, Arconic adopted new guidance issued by the Financial Accounting Standards Board (FASB) related to the following: presentation of net periodic pension cost and net periodic postretirement benefit cost that required a reclassification of costs within the Statement of Consolidated Operations; presentation of certain cash receipts and cash payments within the Statement of Consolidated Cash Flows that required a reclassification of amounts between operating and either financing or investing activities; and the classification of restricted cash within the statement of cash flows. See Note B for further details.

In January 2018, management changed the organizational structure of the businesses in its Engineered Products and Solutions (EP&S) segment, from four business units to three business units, with a focus on aligning its internal structure to core markets and customers and reducing cost. As a result of this change in the EP&S segment organizational structure, management assessed and concluded that each of the three business units represent reporting units for goodwill impairment evaluation purposes. Also, as a result of the reorganization, goodwill was reallocated to the three new reporting units and evaluated for impairment during the first quarter of 2018. The estimated fair value of each reporting unit substantially exceeded its carrying value; thus, there was no goodwill impairment. More than 92% of Arconic’s total goodwill at March 31, 2018 was allocated to the following three EP&S reporting units: Arconic Engines (\$2,095), Arconic Fastening Systems (\$1,623) and Arconic Engineered Structures (\$517). See Note M for further details of an interim goodwill impairment evaluation that was performed for the Arconic Engines reporting unit during the second quarter of 2018.

**B. Recently Adopted and Recently Issued Accounting Guidance**

Adopted

In May 2014, the FASB issued changes to the recognition of revenue from contracts with customers. These changes created a comprehensive framework for all entities in all industries to apply in the determination of when to recognize revenue and, therefore, supersede virtually all existing revenue recognition requirements and guidance. This framework is expected to result in less complex guidance in application while providing a consistent and comparable methodology for revenue recognition. The core principle of the guidance is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. To achieve this principle, an entity should apply the following steps: (i) identify the contract(s) with a customer, (ii) identify the performance obligations in the contract(s), (iii) determine the transaction price, (iv) allocate the transaction price to the performance obligations in the contract(s), and (v) recognize revenue when, or as, the entity satisfies a performance obligation. These changes became effective for Arconic on January 1, 2018. Arconic adopted this new guidance using the modified retrospective transition approach applied to those contracts that were not completed as of January 1, 2018. There was no cumulative effect adjustment to the opening balance of retained earnings in the Consolidated Balance Sheet in the first quarter of 2018, as the adoption did not result in a change to our timing of revenue recognition, which continues to be at a point in time. See Note C for further details.

In January 2016, the FASB issued changes to equity investments. These changes require equity investments (except those accounted for under the equity method of accounting or those that result in consolidation of the investee) to be measured at fair value with changes in fair value recognized in net income. However, an entity may choose to measure equity investments that do not have readily determinable fair values using the measurement alternative of cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or similar investment of the same issuer. Also, the impairment assessment of equity investments without readily determinable fair values has been simplified by requiring a qualitative assessment to identify impairment. Also, the new guidance required changes in fair value of equity securities to be recognized immediately as a component of net income instead of being reported in accumulated other comprehensive loss until the gain (loss) is realized. These changes became effective for Arconic on January 1, 2018 and have been applied on a prospective basis. Arconic elected the measurement alternative for its equity investments that do not have

readily determinable fair values. The adoption of this guidance did not have a material impact on the Consolidated Financial Statements.

In August 2016, the FASB issued changes to the classification of certain cash receipts and cash payments within the statement of cash flows. The guidance identifies eight specific cash flow items and the sections where they must be presented within the statement of cash flows. These changes became effective for Arconic on January 1, 2018 and have been applied retrospectively. As a result of the adoption, Arconic reclassified cash received related to beneficial interest in previously transferred trade accounts receivables from operating activities to investing activities in the Statement of Consolidated Cash Flows. This new accounting standard does not reflect a change in our underlying business or activities. The reclassification of cash received related to beneficial interest in previously transferred trade accounts receivables was \$285 for the six months ended June 30, 2017. In addition, Arconic reclassified \$52 of cash paid for debt prepayments including extinguishment costs from operating activities to financing activities for the six months ended June 30, 2017.

In November 2016, the FASB issued changes to the classification of cash and cash equivalents within the statement of cash flow. Restricted cash and cash equivalents will be included within the cash and cash equivalents line on the cash flow statement and a reconciliation must be prepared to the statement of financial position. Transfers between restricted cash and cash equivalents and cash and cash equivalents will no longer be presented as cash flow activities in the Statement of Consolidated Cash Flows and for material balances of restricted cash and restricted cash equivalents Arconic will disclose information regarding the nature of the restrictions. These changes became effective for Arconic on January 1, 2018 and have been applied retrospectively. Management has determined that the adoption of this guidance did not have a material impact on the Statement of Consolidated Cash Flows. Restricted cash was \$5, \$4 and \$5 at June 30, 2018, December 31, 2017 and June 30, 2017, respectively.

In March 2017, the FASB issued changes to the presentation of net periodic pension cost and net periodic postretirement benefit cost. The new guidance requires registrants to present the service cost component of net periodic benefit cost in the same income statement line item or items as other employee compensation costs arising from services rendered during the period. Also, only the service cost component will be eligible for asset capitalization. Registrants will present the other components of net periodic benefit cost separately from the service cost component; and, the line item or items used in the income statement to present the other components of net periodic benefit cost must be disclosed. These changes became effective for Arconic on January 1, 2018 and were adopted retrospectively for the presentation of the service cost component and the other components of net periodic benefit cost in the Statement of Consolidated Operations, and prospectively for the asset capitalization of the service cost component of net periodic benefit cost. The Company recorded the service related net periodic benefit cost within Cost of goods sold, Selling, general administrative, and other expenses and Research and development expenses and recorded the non-service related net periodic benefit cost (except for the curtailment cost which was recorded in Restructuring and other charges) separately from service cost in Other expense (income), net within the Statement of Consolidated Operations. The impact of the retrospective adoption of this guidance was an increase to consolidated Operating income of \$39 and \$77 while there was no impact to consolidated Net income for the second quarter or six months ended June 30, 2017, respectively.

In May 2017, the FASB issued clarification to guidance on the modification accounting criteria for share-based payment awards. The new guidance requires registrants to apply modification accounting unless three specific criteria are met. The three criteria are 1) the fair value of the award is the same before and after the modification, 2) the vesting conditions are the same before and after the modification and 3) the classification as a debt or equity award is the same before and after the modification. These changes became effective for Arconic on January 1, 2018 and were applied prospectively to new awards modified after adoption. The adoption of this guidance did not have a material impact on the Consolidated Financial Statements.

#### Issued

In February 2016, the FASB issued changes to the accounting and presentation of leases. These changes require lessees to recognize a right of use asset and lease liability on the balance sheet for all leases with terms longer than 12 months. For leases with a term of 12 months or less, a lessee is permitted to make an accounting policy election by class of underlying asset not to recognize a right of use asset and lease liability. Also, when measuring assets and liabilities arising from a lease, optional payments should be included only if the lessee is reasonably certain to exercise an option to extend the lease, exercise a purchase option, or not exercise an option to terminate the lease. As originally released, the standards update required application at the beginning of the earliest comparative period presented at the time of adoption. However, in July 2018, the FASB provided entities the option to instead apply the provisions of the new leases guidance at the effective date, without adjusting the comparative periods presented. These changes become effective for Arconic on January 1, 2019. Arconic's current operating lease portfolio is primarily comprised of land and buildings, plant equipment, vehicles, and computer equipment. A cross-functional implementation team is in the process of determining the scope of arrangements that will be subject to this standard as well as assessing the impact to the Company's systems, processes and internal controls. Arconic has contracted with a third-party vendor to implement a software solution. Concurrently, Arconic is compiling lease data to be uploaded into



the software solution to account for leases under the new standard. Management is evaluating the impact of these changes on the Consolidated Balance Sheet, which will require right of use assets and lease liabilities be recorded for operating leases; therefore, an estimate of the impact is not currently determinable. However, the adoption is not expected to have a material impact on the Statement of Consolidated Operations or Statement of Consolidated Cash Flows.

In June 2016, the FASB added a new impairment model (known as the current expected credit loss (CECL) model) that is based on expected losses rather than incurred losses. Under the new guidance, an entity recognizes as an allowance its estimate of expected credit losses. The CECL model applies to most debt instruments, trade receivables, lease receivables, financial guarantee contracts, and other loan commitments. The CECL model does not have a minimum threshold for recognition of impairment losses and entities will need to measure expected credit losses on assets that have a low risk of loss. These changes become effective for Arconic on January 1, 2020. Management is currently evaluating the potential impact of these changes on the Consolidated Financial Statements.

In August 2017, the FASB issued guidance that will make more financial and nonfinancial hedging strategies eligible for hedge accounting. It also amends the presentation and disclosure requirements and changes how companies assess effectiveness. It is intended to more closely align hedge accounting with companies' risk management strategies, simplify the application of hedge accounting, and increase transparency as to the scope and results of hedging programs. These changes become effective for Arconic on January 1, 2019. For cash flow and net investment hedges existing at the date of adoption, Arconic will apply a cumulative-effect adjustment related to eliminating the separate measurement of ineffectiveness to accumulated other comprehensive income with a corresponding adjustment to the opening balance of retained earnings as of the beginning of the fiscal year in which the amendment is adopted. The amended presentation and disclosure guidance is required only prospectively. Management is currently evaluating the potential impact of this guidance on the Consolidated Financial Statements.

In February 2018, the FASB issued guidance that allows an optional reclassification from Accumulated other comprehensive loss to Accumulated deficit for stranded tax effects resulting from the Tax Cuts and Jobs Act enacted on December 22, 2017. These changes become effective for Arconic on January 1, 2019. Management is currently evaluating the potential impact of this guidance on the Consolidated Financial Statements.

### C. Revenue from Contracts with Customers

The Company's contracts with customers are comprised of acknowledged purchase orders incorporating the Company's standard terms and conditions, or for larger customers, terms under negotiated multi-year agreements. These contracts with customers typically consist of the manufacture of products which represent single performance obligations that are satisfied upon transfer of control of the product to the customer. The Company produces fastening systems; seamless rolled rings; investment castings, including airfoils and forged jet engine components; extruded, machined and formed aircraft parts; aluminum sheet and plate; integrated aluminum structural systems; architectural extrusions; and forged aluminum commercial vehicle wheels. Transfer of control is assessed based on alternative use of the products we produce and our enforceable right to payment for performance to date under the contract terms. Transfer of control and revenue recognition generally occur upon shipment or delivery of the product, which is when title, ownership and risk of loss pass to the customer and is based on the applicable shipping terms. The shipping terms vary across all businesses and depend on the product, the country of origin, and the type of transportation (truck, train, or vessel). An invoice for payment is issued at time of shipment. The Company's objective is to have net 30-day terms. Our business units set commercial terms on which Arconic sells products to its customers. These terms are influenced by industry custom, market conditions, product line (specialty versus commodity products), and other considerations.

The following table disaggregates revenue by major end market served. Differences between segment totals and consolidated Arconic are in Corporate. In the second quarter and six months ended June 30, 2018, Corporate included \$38 of costs related to settlements of certain customer claims primarily related to product introductions.

	Engineered Products and Solutions	Global Rolled Products	Transportation and Construction Solutions	Total Segment
<b>Second quarter ended June 30, 2018</b>				
Aerospace	\$ 1,241	\$ 226	\$ —	\$ 1,467
Transportation	119	612	253	984
Building and construction	—	60	297	357
Industrial and other	236	553	12	801
Total end-market revenue	<u>\$ 1,596</u>	<u>\$ 1,451</u>	<u>\$ 562</u>	<u>\$ 3,609</u>
<b>Second quarter ended June 30, 2017</b>				
Aerospace	\$ 1,141	\$ 241	\$ —	\$ 1,382
Transportation	97	475	200	772
Building and construction	—	51	283	334
Industrial and other	247	504	21	772
Total end-market revenue	<u>\$ 1,485</u>	<u>\$ 1,271</u>	<u>\$ 504</u>	<u>\$ 3,260</u>
<b>Six months ended June 30, 2018</b>				
Aerospace	\$ 2,431	\$ 425	\$ —	\$ 2,856
Transportation	216	1,210	496	1,922
Building and construction	—	108	582	690
Industrial and other	490	1,074	21	1,585
Total end-market revenue	<u>\$ 3,137</u>	<u>\$ 2,817</u>	<u>\$ 1,099</u>	<u>\$ 7,053</u>
<b>Six months ended June 30, 2017</b>				
Aerospace	\$ 2,296	\$ 456	\$ —	\$ 2,752
Transportation	190	968	373	1,531
Building and construction	—	100	545	645
Industrial and other	486	995	42	1,523
Total end-market revenue	<u>\$ 2,972</u>	<u>\$ 2,519</u>	<u>\$ 960</u>	<u>\$ 6,451</u>

#### D. Segment Information

Arconic is a global leader in lightweight metals engineering and manufacturing. Arconic's innovative, multi-material products, which include aluminum, titanium, and nickel, are used worldwide in aerospace, automotive, commercial transportation, building and construction, industrial applications, defense, and packaging. Arconic's segments are organized by product on a worldwide basis. In the first quarter of 2018, the Company changed its primary measure of segment performance from Adjusted earnings before interest, tax, depreciation and amortization ("Adjusted EBITDA") to Segment operating profit, which more closely aligns segment performance with Operating income as presented in the Statement of Consolidated Operations. Segment performance under Arconic's management reporting system is evaluated based on a number of factors; however, the primary measure of performance is Segment operating profit. Arconic's definition of Segment operating profit is Operating income excluding Special items. Special items include Restructuring and other charges and Impairment of goodwill. Segment operating profit also includes certain items that, under the previous segment performance measure, were recorded in Corporate, such as the impact of LIFO inventory accounting, metal price lag, intersegment profit eliminations, and derivative activities. Segment operating profit may not be comparable to similarly titled measures of other companies. Prior period financial information has been recast to conform to current year presentation. Differences between segment totals and consolidated Arconic are in Corporate.

The operating results of Arconic's reportable segments were as follows:

	Engineered Products and Solutions	Global Rolled Products	Transportation and Construction Solutions	Total Segment
<b>Second quarter ended June 30, 2018</b>				
Sales:				
Third-party sales	\$ 1,596	\$ 1,451	\$ 562	\$ 3,609
Intersegment sales	—	46	—	46
Total sales	\$ 1,596	\$ 1,497	\$ 562	\$ 3,655
Profit and loss:				
Segment operating profit	\$ 212	\$ 123	\$ 97	\$ 432
Restructuring and other charges	9	1	—	10
Provision for depreciation and amortization	70	53	12	135
<b>Second quarter ended June 30, 2017</b>				
Sales:				
Third-party sales	\$ 1,485	\$ 1,271	\$ 504	\$ 3,260
Intersegment sales	—	37	—	37
Total sales	\$ 1,485	\$ 1,308	\$ 504	\$ 3,297
Profit and loss:				
Segment operating profit	\$ 250	\$ 133	\$ 71	\$ 454
Restructuring and other charges	8	17	6	31
Provision for depreciation and amortization	66	51	12	129

	Engineered Products and Solutions	Global Rolled Products	Transportation and Construction Solutions	Total Segment
<b>Six months ended June 30, 2018</b>				
Sales:				
Third-party sales	\$ 3,137	\$ 2,817	\$ 1,099	\$ 7,053
Intersegment sales	—	88	—	88
Total sales	<u>\$ 3,137</u>	<u>\$ 2,905</u>	<u>\$ 1,099</u>	<u>\$ 7,141</u>
Profit and loss:				
Segment operating profit	\$ 433	\$ 235	\$ 164	\$ 832
Restructuring and other charges	10	—	—	10
Provision for depreciation and amortization	141	104	25	270

**Six months ended June 30, 2017**

Sales:				
Third-party sales	\$ 2,972	\$ 2,519	\$ 960	\$ 6,451
Intersegment sales	—	71	—	71
Total sales	<u>\$ 2,972</u>	<u>\$ 2,590</u>	<u>\$ 960</u>	<u>\$ 6,522</u>
Profit and loss:				
Segment operating profit	\$ 497	\$ 269	\$ 139	\$ 905
Restructuring and other charges	14	74	9	97
Provision for depreciation and amortization	130	101	24	255

The following table reconciles Total segment operating profit to Consolidated income before income taxes:

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Total segment operating profit	\$ 432	\$ 454	\$ 832	\$ 905
Unallocated amounts:				
Restructuring and other charges	(15)	(26)	(22)	(99)
Corporate expense	(93)	(108)	(153)	(203)
Consolidated operating income	<u>\$ 324</u>	<u>\$ 320</u>	<u>\$ 657</u>	<u>\$ 603</u>
Interest expense	(89)	(183)	(203)	(298)
Other (expense) income, net	(41)	132	(61)	448
Consolidated income before income taxes	<u>\$ 194</u>	<u>\$ 269</u>	<u>\$ 393</u>	<u>\$ 753</u>

The total assets of Arconic's reportable segment were as follows:

	June 30, 2018	December 31, 2017
Engineered Products and Solutions	\$ 10,447	\$ 10,325
Global Rolled Products	4,153	3,955
Transportation and Construction Solutions	1,087	1,041
Total segment assets	<u>\$ 15,687</u>	<u>\$ 15,321</u>

The following table reconciles Total segment assets to Consolidated assets:

	June 30, 2018	December 31, 2017
Total segment assets	\$ 15,687	\$ 15,321
Unallocated amounts:		
Cash and cash equivalents	1,455	2,150
Deferred income taxes	626	743
Corporate fixed assets, net	304	310
Fair value of derivative contracts	57	91
Other	90	103
Consolidated assets	<u>\$ 18,219</u>	<u>\$ 18,718</u>

#### E. Restructuring and Other Charges

In the second quarter of 2018, Arconic recorded Restructuring and other charges of \$15 (\$12 after-tax), which included \$9 (\$7 after-tax) for pension curtailment charges; \$4 (\$3 after-tax) for layoff costs, including the separation of approximately 24 employees (all in the Engineered Products and Solutions segment); a charge of \$5 (\$4 after-tax) for exit costs primarily related to the New York office; a charge of \$2 (\$2 after-tax) for other miscellaneous items; and a benefit of \$5 (\$4 after-tax) for the reversal of a number of small layoff reserves related to prior periods.

In the six months ended June 30, 2018, Arconic recorded Restructuring and other charges of \$22 (\$17 after-tax), which included \$14 (\$11 after-tax) for pension curtailment charges; \$8 (\$6 after-tax) for layoff costs, including the separation of approximately 40 employees (24 in the Engineered Products and Solutions segment and 16 in Corporate); a charge of \$5 (\$4 after-tax) for exit costs primarily related to the New York office; a charge of \$4 (\$3 after-tax) for other miscellaneous items; and a benefit of \$9 (\$7 after-tax) for the reversal of a number of small layoff reserves related to prior periods.

In the second quarter of 2017, Arconic recorded Restructuring and other charges of \$26 (\$17 after-tax), which included \$29 (\$19 after-tax) for layoff costs related to cost reduction initiatives including the separation of approximately 352 employees (129 in the Engineered Products and Solutions segment, 110 in the Global Rolled Products segment, 93 in the Transportation and Construction Solutions segment, and 20 in Corporate); a net charge of \$4 (\$3 after-tax) for other miscellaneous items; a net benefit of \$6 (\$4 after-tax), for the reversal of forfeited executive stock compensation of \$13, partially offset by a charge of \$7 for the related severance; and a favorable benefit of \$1 (\$1 after-tax) for the reversal of a number of small layoff reserves related to prior periods.

In the six months ended June 30, 2017, Arconic recorded Restructuring and other charges of \$99 (\$86 after-tax), which included \$48 (\$32 after-tax) for layoff costs related to cost reduction initiatives including the separation of approximately 680 employees (243 in the Engineered Products and Solutions segment, 242 in the Global Rolled Products segment, 133 in the Transportation and Construction Solutions segment, and 62 in Corporate); a charge of \$60 (\$60 after-tax) related to the sale of the Fusina, Italy rolling mill; a net benefit of \$6 (\$4 after-tax), for the reversal of forfeited executive stock compensation of \$13, partially offset by a charge of \$7 for the related severance; a net benefit of \$1 (\$0 after-tax) for other miscellaneous items; and a favorable benefit of \$2 (\$2 after-tax) for the reversal of a number of small layoff reserves related to prior periods.

As of June 30, 2018, approximately 20 of the 40 employees associated with 2018 restructuring programs and approximately 530 of the 760 employees (previously 830) associated with 2017 restructuring programs (with planned departures in 2018) were separated; all of the separations associated with 2016 restructuring programs were essentially complete. Most of the remaining separations for the 2018 restructuring programs and all of the remaining separations for the 2017 restructuring programs, are expected to be completed by the end of 2018.

For the second quarter and six months ended June 30, 2018, cash payments of \$2 and \$3, respectively, were made against layoff reserves related to 2018 restructuring programs, cash payments of \$8 and \$23, respectively, were made against layoff reserves related to 2017 restructuring programs, and cash payments of \$0 and \$4, respectively, were made against the layoff reserves related to 2016 restructuring programs.

Activity and reserve balances for restructuring and other charges were as follows:

	<b>Layoff costs</b>	<b>Other exit costs</b>	<b>Total</b>
Reserve balances at December 31, 2016	\$ 50	\$ 9	\$ 59
Cash payments	(59)	(6)	(65)
Restructuring charges	64	1	65
Other <sup>(1)</sup>	1	(2)	(1)
Reserve balances at December 31, 2017	<u>56</u>	<u>2</u>	<u>58</u>
Cash payments	(30)	—	(30)
Restructuring charges	23	5	28
Other <sup>(1)</sup>	(23)	—	(23)
Reserve balances at June 30, 2018	<u>\$ 26</u>	<u>\$ 7</u>	<u>\$ 33</u>

<sup>(1)</sup> Other includes reversals of previously recorded restructuring charges and the effects of foreign currency translation. In 2018, Other for layoff costs also included a reclassification of \$14 in pension costs, as this liability was reflected in Arconic's separate liability for pension obligations. In 2017, Other for layoff costs also included a reclassification of a stock awards reversal of \$13.

The remaining reserves are expected to be paid in cash during 2018.

#### F. Other Expense (Income), Net

	<b>Second quarter ended</b>		<b>Six months ended</b>	
	<b>June 30,</b>		<b>June 30,</b>	
	<b>2018</b>	<b>2017</b>	<b>2018</b>	<b>2017</b>
Non-service related net periodic benefit cost	\$ 28	\$ 39	\$ 56	\$ 77
Interest income	(4)	(4)	(10)	(8)
Foreign currency gains (losses), net	17	2	14	(3)
Net loss (gain) from asset sales	2	(166)	5	(515)
Other, net	(2)	(3)	(4)	1
	<u>\$ 41</u>	<u>\$ (132)</u>	<u>\$ 61</u>	<u>\$ (448)</u>

For the second quarter of 2017, Net loss (gain) from asset sales included a \$167 gain on the debt-for-equity exchange with two investment banks (the "Investment Banks") of the remaining portion of Arconic's retained interest in Alcoa Corporation common stock for a portion of the Company's outstanding notes held by the Investment Banks (the "Debt-for-Equity Exchange"). For the six months ended June 30, 2017, Net loss (gain) from asset sales included a gain on the sale of a portion of Arconic's investment in Alcoa Corporation common stock of \$351 that resulted in cash proceeds of \$888 which were recorded in Sale of investments within Investing Activities in the Statement of Consolidated Cash Flows.

## G. Pension and Other Postretirement Benefits

The components of net periodic benefit cost were as follows:

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
<b>Pension benefits</b>				
Service cost	\$ 8	\$ 21	\$ 28	\$ 44
Interest cost	55	58	110	116
Expected return on plan assets	(77)	(82)	(154)	(165)
Recognized net actuarial loss	42	55	84	110
Amortization of prior service cost (benefit)	1	2	2	3
Curtailments	9	—	14	—
Net periodic benefit cost <sup>(1)</sup>	<u>\$ 38</u>	<u>\$ 54</u>	<u>\$ 84</u>	<u>\$ 108</u>
<b>Other postretirement benefits</b>				
Service cost	\$ 2	\$ 2	\$ 4	\$ 4
Interest cost	7	7	14	15
Recognized net actuarial loss	2	1	4	2
Amortization of prior service cost (benefit)	(2)	(2)	(4)	(4)
Net periodic benefit cost <sup>(1)</sup>	<u>\$ 9</u>	<u>\$ 8</u>	<u>\$ 18</u>	<u>\$ 17</u>

<sup>(1)</sup> Service cost was included within Cost of goods sold, Selling, general administrative, and other expenses, and Research and development expenses; curtailments were included in Restructuring and other charges; and all other cost components were recorded in Other expense (income), net in the Statement of Consolidated Operations.

In the first quarter of 2018, the Company announced that, effective April 1, 2018, benefit accruals for future service and compensation under all of the Company's qualified and non-qualified defined benefit pension plans for U.S. salaried and non-bargaining hourly employees ceased. As a result of this change, in the first quarter of 2018, the Company recorded a decrease to the accrued pension benefit liability of \$136 related to the reduction of future benefits (\$141 offset in Accumulated other comprehensive loss) and curtailment charges of \$5 in Restructuring and other charges.

In conjunction with the separation of Alcoa Inc. on November 1, 2016, the Pension Benefit Guaranty Corporation approved management's plan to separate the Alcoa Inc. pension plans between Arconic Inc. and Alcoa Corporation. The plan stipulates that Arconic will make cash contributions over a period of 30 months (from November 1, 2016) to its two largest pension plans. Payments are expected to be made in three increments of no less than \$50 each (\$150 total) over this 30-month period. The Company made payments of \$50 in March 2018 and \$50 in April 2017. Upon finalization of 2018 pension plan valuations, which are expected to be complete during the third quarter of 2018, additional cash contributions that were made in the first quarter of 2018 may be used to satisfy the \$150 requirement.

On April 13, 2018, the United Auto Workers ratified a new five-year labor agreement, effective May 1, 2018, covering approximately 1,300 U.S. employees of Arconic. A provision within the agreement includes a retirement benefit increase for future retirees that participate in a defined benefit pension plan, which impacts approximately 300 of those employees. In addition, effective January 1, 2019, benefit accruals for future service will cease. As result of these changes, a curtailment charge of \$9 was recorded in Restructuring and other charges in the second quarter of 2018.

## H. Income Taxes

Arconic's year-to-date tax provision is comprised of the most recent estimated annual effective tax rate applied to year-to-date pre-tax ordinary income. The tax impact of unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, are recorded discretely in the interim period in which they occur. In addition, the tax provision is adjusted for the interim period impact of non-benefited pre-tax losses.

For the six months ended June 30, 2018, the estimated annual effective tax rate, before discrete items, applied to ordinary income was 27.0%. This rate was higher than the federal statutory rate of 21%, which was enacted by the Tax Cuts and Jobs Act (the "2017 Act") on December 22, 2017, primarily due to the additional estimated U.S. tax on Global Intangible Low-

Taxed Income (GILTI) pursuant to the 2017 Act, domestic taxable income in certain U.S. states no longer subject to valuation allowance, and foreign income tax in higher rate jurisdictions.

For the six months ended June 30, 2017, the estimated annual effective tax rate, before discrete items, applied to ordinary income was 28.4%. This rate was lower than the federal statutory rate of 35% applicable to 2017 due to foreign income taxed in lower rate jurisdictions, a tax basis in excess of book basis in Alcoa Corporation common stock sold, and a nontaxable gain on the Debt-for-Equity Exchange. These beneficial items were partially offset by a loss on the sale of a rolling mill in Fusina, Italy for which no net tax benefit was recognized and valuation allowances related to U.S. foreign tax credits.

For the second quarter ended June 30, 2018 and June 30, 2017, the tax rate including discrete items was 38.1% and 21.2%, respectively. Discrete items of \$21 were recorded in the second quarter ended June 30, 2018, primarily related to revised estimates of the provisional impact of the enactment of the 2017 Act discussed further below. There were no individually material discrete items recorded in the second quarter ended June 30, 2017.

The tax provisions for the second quarter and six months ended June 30, 2018 and 2017 were comprised of the following:

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Pre-tax income at estimated annual effective income tax rate before discrete items	\$ 52	\$ 60	\$ 106	\$ 214
Catch-up adjustment to revalue previous quarter pre-tax income at current estimated annual effective tax rate	1	—	—	—
Interim period treatment of operational losses in foreign jurisdictions for which no tax benefit is recognized	—	(3)	1	4
Other discrete items	21	—	23	1
Provision for income taxes	\$ 74	\$ 57	\$ 130	\$ 219

On December 22, 2017, the 2017 Act was signed into law, making significant changes to the Internal Revenue Code. Also on December 22, 2017, Staff Accounting Bulletin No. 118 ("SAB 118"), Income Tax Accounting Implications of the Tax Cuts and Jobs Act, was issued by the Securities and Exchange Commission to address the application of U.S. GAAP for financial reporting. SAB 118 permits the use of provisional amounts based on reasonable estimates in the financial statements. SAB 118 also provides that the tax impact may be considered incomplete in situations when a registrant does not have the necessary information available, prepared, or analyzed (including computations) in reasonable detail to complete the accounting for certain income tax effects of the 2017 Act. Any adjustments to provisional or incomplete amounts should be included in income from continuing operations as an adjustment to tax expense or benefit in the reporting period that the amounts are determined within one year.

The Company's analysis of U.S. tax reform legislation, updated through June 30, 2018, resulted in an additional charge of \$21 to the 2017 year-end provisional charge of \$272. A charge of \$18 was recorded for an increase in the provisional estimate of the one-time transition tax. An additional charge of \$3 was also recorded for the portion of Alternative Minimum Tax ("AMT") credits expected to be refunded upon filing the 2018 tax return that will result in no benefit under government sequestration. The Company's estimates of the impact of the 2017 Act remain provisional through June 30, 2018.

The impact of the rate reduction will be finalized as part of the filing of the 2017 U.S. income tax return during 2018. Arconic will continue to analyze the amount of foreign earnings and profits, the associated foreign tax credits, and additional guidance that may be issued during 2018 in order to further update the estimated deemed repatriation calculation as necessary under SAB 118. Arconic has not yet gathered, prepared and analyzed all the necessary information in sufficient detail to determine whether any excess foreign tax credits that may result from the deemed repatriation will be realizable.

Provisional estimates of the impact of the 2017 Act on the realizability of certain deferred tax assets, including, but not limited to, foreign tax credits, AMT credits, and state tax loss carryforwards have been made based on information and computations that were available, prepared, and analyzed as of February 2, 2018. Through June 30, 2018, there were no changes to the estimates used to evaluate the realizability of deferred tax assets. Further analysis, or the issuance of additional guidance, could result in changes to the realizability of deferred tax assets.

As a result of the 2017 Act, the non-previously taxed post-1986 foreign earnings and profits (calculated based on U.S. tax principles) of certain U.S.-owned foreign corporations has been subject to U.S. tax under the one-time transition tax provisions. In the fourth quarter of 2017, Arconic had no plans to distribute such earnings in the foreseeable future and considered that conclusion to be incomplete under SAB 118. There is no change to this conclusion through June 30, 2018.

The 2017 Act creates a new requirement that certain income earned by foreign subsidiaries, GILTI, must be included in the gross income of the U.S. shareholder. The 2017 Act also established the Base Erosion and Anti-Abuse Tax (BEAT). Arconic



anticipates that it will be subject to GILTI and has included an estimate of GILTI in the calculation of the 2018 estimated annual effective tax rate. At this time, Arconic does not anticipate being subject to BEAT for 2018. In the first quarter ended March 31, 2018, Arconic made a final accounting policy election to treat taxes due on future inclusions in U.S. taxable income related to GILTI as a current period expense when incurred.

In July 2018, the Company received notification from a foreign tax authority that their inquiry into the 2016 tax return was completed. The uncertain tax position taken on the tax return is effectively settled, and as a result, a previously unrecognized tax benefit of up to approximately \$38 would be recognized in the third quarter of 2018 after evaluating the need for a valuation allowance.

Also in July 2018, Spain's National Court upheld an assessment against the Company related to the 2006 through 2009 tax years. Arconic is preparing to petition the Supreme Court of Spain to review the National Court's decision (see Note Q). As a result of the National Court's decision, the Company will reassess its recognition and measurement of tax benefits related to the uncertain tax positions in the 2006 to 2009 tax years in the third quarter of 2018. The potential impact on the Provision for income taxes could be a charge of up to approximately \$59 (€51) which would be recognized in the third quarter of 2018. As discussed in Note Q, under the Tax Matters Agreement, Alcoa Corporation is responsible for 49% of the net liability.

## I. Earnings Per Share

Basic earnings per share (EPS) amounts are computed by dividing earnings, after the deduction of preferred stock dividends declared, by the average number of common shares outstanding. Diluted EPS amounts assume the issuance of common stock for all potentially dilutive share equivalents outstanding.

The information used to compute basic and diluted EPS attributable to Arconic common shareholders was as follows (shares in millions):

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Net income	\$ 120	\$ 212	\$ 263	\$ 534
Less: Preferred stock dividends declared	—	(18)	(1)	(35)
Net income available to Arconic common shareholders - basic	120	194	262	499
Add: Interest expense related to convertible notes	3	2	6	4
Add: Dividends related to mandatory convertible preferred stock	—	—	—	34
Net income available to Arconic common shareholders - diluted	\$ 123	\$ 196	\$ 268	\$ 537
Average shares outstanding - basic	483	441	483	440
Effect of dilutive securities:				
Stock options	—	2	—	2
Stock and performance awards	5	5	5	5
Mandatory convertible preferred stock	—	—	—	39
Convertible notes	14	14	14	14
Average shares outstanding - diluted	502	462	502	500

The following shares were excluded from the calculation of average shares outstanding – diluted as their effect was anti-dilutive (shares in millions).

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Mandatory convertible preferred stock	—	39	—	—
Stock options <sup>(1)</sup>	9	7	9	7

<sup>(1)</sup> The average exercise price of options per share was \$26.80 for the second quarter and six months ended June 30, 2018 and \$28.85 for the second quarter and six months ended June 30, 2017.

## J. Accumulated Other Comprehensive Loss

The following table details the activity of the four components that comprise Accumulated other comprehensive loss for both Arconic's shareholders and noncontrolling interests:

Second quarter ended June 30,	Arconic		Noncontrolling Interests	
	2018	2017	2018	2017
<b>Pension and other postretirement benefits (G)</b>				
Balance at beginning of period	\$ (2,087)	\$ (1,979)	\$ —	\$ —
Other comprehensive income:				
Unrecognized net actuarial loss and prior service cost/benefit	(15)	17	—	—
Tax benefit (expense)	3	(5)	—	—
Total Other comprehensive (loss) income before reclassifications, net of tax	(12)	12	—	—
Amortization of net actuarial loss and prior service cost <sup>(1)</sup>	52	56	—	—
Tax expense <sup>(2)</sup>	(11)	(20)	—	—
Total amount reclassified from Accumulated other comprehensive loss, net of tax <sup>(5)</sup>	41	36	—	—
Total Other comprehensive income	29	48	—	—
Balance at end of period	\$ (2,058)	\$ (1,931)	\$ —	\$ —
<b>Foreign currency translation</b>				
Balance at beginning of period	\$ (315)	\$ (622)	\$ —	\$ (2)
Other comprehensive (loss) income <sup>(3)</sup>	(201)	99	—	—
Balance at end of period	\$ (516)	\$ (523)	\$ —	\$ (2)
<b>Available-for-sale securities</b>				
Balance at beginning of period	\$ (2)	\$ 99	\$ —	\$ —
Other comprehensive loss <sup>(4)</sup>	(2)	(101)	—	—
Balance at end of period	\$ (4)	\$ (2)	\$ —	\$ —
<b>Cash flow hedges</b>				
Balance at beginning of period	\$ 18	\$ 4	\$ —	\$ —
Other comprehensive income (loss):				
Net change from periodic revaluations	9	(4)	—	—
Tax (expense) benefit	(1)	1	—	—
Total Other comprehensive income (loss) before reclassifications, net of tax	8	(3)	—	—
Net amount reclassified to earnings	(4)	1	—	—
Tax benefit <sup>(2)</sup>	—	—	—	—
Total amount reclassified from Accumulated other comprehensive loss, net of tax <sup>(5)</sup>	(4)	1	—	—
Total Other comprehensive income (loss)	4	(2)	—	—
Balance at end of period	\$ 22	\$ 2	\$ —	\$ —
<b>Total balance at end of period</b>	<b>\$ (2,556)</b>	<b>\$ (2,454)</b>	<b>\$ —</b>	<b>\$ (2)</b>

(1) These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note G).

(2) These amounts were included in Provision for income taxes on the accompanying Statement of Consolidated Operations.

(3) In all periods presented, there were no tax impacts related to rate changes and no amounts were reclassified to earnings.

(4) Realized gains and losses were included in Other expense (income), net on the accompanying Statement of Consolidated Operations.

(5) A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings.

Six months ended June 30,	Arconic		Noncontrolling Interests	
	2018	2017	2018	2017
<b>Pension and other postretirement benefits (G)</b>				
Balance at beginning of period	\$ (2,230)	\$ (2,010)	\$ —	\$ —
Other comprehensive income:				
Unrecognized net actuarial loss and prior service cost/benefit	122	11	—	—
Tax expense	(28)	(4)	—	—
Total Other comprehensive income before reclassifications, net of tax	94	7	—	—
Amortization of net actuarial loss and prior service cost <sup>(1)</sup>	100	111	—	—
Tax expense <sup>(2)</sup>	(22)	(39)	—	—
Total amount reclassified from Accumulated other comprehensive loss, net of tax <sup>(5)</sup>	78	72	—	—
Total Other comprehensive income	172	79	—	—
Balance at end of period	\$ (2,058)	\$ (1,931)	\$ —	\$ —
<b>Foreign currency translation</b>				
Balance at beginning of period	\$ (437)	\$ (689)	\$ —	\$ (2)
Other comprehensive (loss) income <sup>(3)</sup>	(79)	166	—	—
Balance at end of period	\$ (516)	\$ (523)	\$ —	\$ (2)
<b>Available-for-sale securities</b>				
Balance at beginning of period	\$ (2)	\$ 132	\$ —	\$ —
Other comprehensive loss <sup>(4)</sup>	(2)	(134)	—	—
Balance at end of period	\$ (4)	\$ (2)	\$ —	\$ —
<b>Cash flow hedges</b>				
Balance at beginning of period	\$ 25	\$ (1)	\$ —	\$ —
Other comprehensive (loss) income:				
Net change from periodic revaluations	3	4	—	—
Tax expense	—	(2)	—	—
Total Other comprehensive income before reclassifications, net of tax	3	2	—	—
Net amount reclassified to earnings	(7)	1	—	—
Tax benefit <sup>(2)</sup>	1	—	—	—
Total amount reclassified from Accumulated other comprehensive loss, net of tax <sup>(5)</sup>	(6)	1	—	—
Total Other comprehensive (loss) income	(3)	3	—	—
Balance at end of period	\$ 22	\$ 2	\$ —	\$ —
<b>Total balance at end of period</b>	<b>\$ (2,556)</b>	<b>\$ (2,454)</b>	<b>\$ —</b>	<b>\$ (2)</b>

(1) These amounts were included in the computation of net periodic benefit cost for pension and other postretirement benefits (see Note G).

(2) These amounts were included in Provision for income taxes on the accompanying Statement of Consolidated Operations.

(3) In all periods presented, there were no tax impacts related to rate changes and no amounts were reclassified to earnings.

(4) Realized gains and losses were included in Other expense (income), net on the accompanying Statement of Consolidated Operations.

(5) A positive amount indicates a corresponding charge to earnings and a negative amount indicates a corresponding benefit to earnings.

## K. Receivables

Arconic has an arrangement with three financial institutions to sell certain customer receivables without recourse on a revolving basis. The sale of such receivables is completed using a bankruptcy remote special purpose entity, which is a consolidated subsidiary of Arconic. This arrangement provides for minimum funding of \$200 up to a maximum of \$400 for receivables sold. Arconic maintains a beneficial interest, or a right to collect cash, on the sold receivables that have not been funded (deferred purchase program). On March 30, 2012, Arconic initially sold \$304 of customer receivables in exchange for \$50 in cash and \$254 of deferred purchase program under the arrangement. Arconic has received additional net cash funding of \$300 (\$2,658 in draws and \$2,358 in repayments) since the program's inception, including net cash draws totaling \$0 (\$300 in draws and \$300 in repayments) for the six months ended June 30, 2018.

As of June 30, 2018 and December 31, 2017, the deferred purchase program receivable was \$313 and \$187, respectively, which was included in Other receivables on the accompanying Consolidated Balance Sheet. The deferred purchase program receivable is reduced as collections of the underlying receivables occur; however, as this is a revolving program, the sale of new receivables will result in an increase in the deferred purchase program receivable. The gross amount of receivables sold and total cash collected under this program since its inception was \$38,547 and \$37,885, respectively. Arconic services the customer receivables for the financial institutions at market rates; therefore, no servicing asset or liability was recorded.

Cash receipts from customer payments on sold receivables (which are cash receipts on the underlying trade receivables that have been previously sold in this program) as well as cash receipts and cash disbursements from draws and repayments under the program are presented as cash receipts from sold receivables within investing activities in the Statement of Consolidated Cash Flows.

## L. Inventories

	June 30, 2018	December 31, 2017
Finished goods	\$ 682	\$ 669
Work-in-process	1,485	1,349
Purchased raw materials	401	381
Operating supplies	91	81
Total inventories	<u>\$ 2,659</u>	<u>\$ 2,480</u>

At June 30, 2018 and December 31, 2017, the portion of inventories valued on a last-in, first-out (LIFO) basis was \$1,372 and \$1,208, respectively. If valued on an average-cost basis, total inventories would have been \$527 and \$481 higher at June 30, 2018 and December 31, 2017, respectively.

In the second quarter of 2018, a charge of \$23 was recorded in Cost of goods sold and Inventories to reflect a physical inventory adjustment at one plant in the EP&S segment. While a portion of this charge relates to prior years, the majority relates to 2018. The out-of-period amounts are not material to any interim or annual periods.

## M. Properties, Plants, and Equipment, Net

	June 30, 2018	December 31, 2017
Land and land rights	\$ 139	\$ 140
Structures	2,376	2,395
Machinery and equipment	9,148	8,830
	11,663	11,365
Less: accumulated depreciation and amortization	6,674	6,392
	4,989	4,973
Construction work-in-progress	593	621
	<u>\$ 5,582</u>	<u>\$ 5,594</u>

During the second quarter of 2018, the Company updated its three-year strategic plan and determined that there was a decline in the forecasted financial performance for the disks operations, an asset group within the Arconic Engines business unit. As such, the Company evaluated the recoverability of the long-lived assets by comparing their carrying value of approximately \$515 to the estimated undiscounted net cash flows of the disk operations, resulting in an estimated fair value in excess of their

carrying value of approximately 13%; thus, there was no impairment. If the disks operations do not achieve the revised forecasted financial performance or if there are changes in any significant assumptions, a material non-cash impairment of long-lived assets may occur in future periods. These significant assumptions include sales growth, cost of raw materials, ramp up of additional production capacity, and working capital. A 1% decrease in the forecasted net cash flows would reduce the undiscounted cash flows by approximately \$6. The Company also performed an interim impairment evaluation of goodwill for the Arconic Engines reporting unit as a result of the decline in the forecasted performance of the disks operations during the second quarter of 2018. The estimated fair value of the reporting unit was substantially in excess of the carrying value; thus, there was no impairment of goodwill.

## N. Debt

	June 30, 2018	December 31, 2017
5.72% Notes, due 2019	\$ —	\$ 500
1.63% Convertible Notes, due 2019	403	403
6.150% Notes, due 2020	1,000	1,000
5.40% Notes due 2021	1,250	1,250
5.87% Notes, due 2022	627	627
5.125% Notes, due 2024	1,250	1,250
5.90% Notes, due 2027	625	625
6.75% Bonds, due 2028	300	300
5.95% Notes, due 2037	625	625
Iowa Finance Authority Loan, due 2042	250	250
Other <sup>(1)</sup>	(15)	(23)
Total debt	6,315	6,807
Less: amount due within one year	3	1
Total long-term debt	\$ 6,312	\$ 6,806

<sup>(1)</sup> Includes various financing arrangements related to subsidiaries, unamortized debt discounts related to outstanding notes and bonds listed in the table above, an equity option related to the convertible notes due in 2019, and unamortized debt issuance costs.

**Public Debt** – During the first quarter of 2018, the Company completed the early redemption of its remaining outstanding 5.72% Notes due in 2019, with aggregate principal amount of \$500, for \$518 in cash including accrued and unpaid interest. As a result, the Company recorded a charge of \$19 in Interest expense in the accompanying Statement of Consolidated Operations for the first quarter of 2018 primarily for the premium paid on the early redemption of these notes in excess of their carrying value.

**Credit Facilities.** On July 25, 2014, Arconic entered into a Five-Year Revolving Credit Agreement with a syndicate of lenders and issuers named therein, which provides for a senior unsecured revolving credit facility (the “Credit Facility”). By an Extension Request and Amendment Letter dated as of June 5, 2015, the maturity date of the Credit Facility was extended to July 25, 2020. On September 16, 2016, Arconic entered into Amendment No. 1 to the Five-Year Revolving Credit Agreement to permit the Separation Transaction and to amend certain terms of the Credit Agreement, including the replacement of the existing financial covenant with a leverage ratio and reduction of total commitments available from \$4,000 to \$3,000. On June 29, 2018, Arconic entered into Amendment No. 2 (“Amendment No. 2”) to amend and restate the Five-Year Revolving Credit Agreement. The Five-Year Revolving Credit Agreement, as so amended and restated, is herein referred to as the “Credit Agreement.”

The Credit Agreement provides a \$3,000 Credit Facility, the proceeds of which are to be used to provide working capital or for other general corporate purposes of Arconic. Subject to the terms and conditions of the Credit Agreement, Arconic may from time to time request increases in lender commitments under the Credit Facility, not to exceed \$500 in aggregate principal amount, and may also request the issuance of letters of credit, subject to a letter of credit sublimit of \$1,000 of the Credit Facility. Pursuant to the Credit Agreement, Arconic shall not permit the ratio of Consolidated Net Debt to Consolidated EBITDA (each as defined in the Credit Agreement) as of the end of each fiscal quarter for the period of the four fiscal quarters most recently ended, to be greater than 4.50 to 1.00, which maximum level will step down successively to 4.00 to 1.00 on December 31, 2018, and to 3.50 to 1.00 on December 31, 2019 and thereafter.

The Credit Agreement includes additional covenants, including, among others, (a) limitations on Arconic’s ability to incur liens securing indebtedness for borrowed money, (b) limitations on Arconic’s ability to consummate a merger, consolidation or sale of all or substantially all of its assets, and (c) limitations on Arconic’s ability to change the nature of its business. As of June 30, 2018, Arconic was in compliance with all such covenants.

The Credit Facility matures on June 29, 2023, unless extended or earlier terminated in accordance with the provisions of the Credit Agreement. Arconic may make two one-year extension requests during the term of the Credit Facility, subject to the lender consent requirements set forth in the Credit Agreement. Under the provisions of the Credit Agreement, Arconic will pay a fee of 0.25% per annum (based on Arconic’s long-term debt ratings as of June 30, 2018) of the total commitment to maintain the Credit Facility.

The Credit Facility is unsecured and amounts payable under it will rank *pari passu* with all other unsecured, unsubordinated indebtedness of Arconic. Borrowings under the Credit Facility may be denominated in U.S. dollars or euros. Loans will bear interest at a base rate or a rate equal to LIBOR, plus, in each case, an applicable margin based on the credit ratings of Arconic’s outstanding senior unsecured long-term debt. The applicable margin on base rate loans and LIBOR loans will be 0.50% and 1.50% per annum, respectively, based on Arconic’s long-term debt ratings as of June 30, 2018. Loans may be prepaid without premium or penalty, subject to customary breakage costs.

The obligation of Arconic to pay amounts outstanding under the Credit Facility may be accelerated upon the occurrence of an “Event of Default” as defined in the Credit Agreement. Such Events of Default include, among others, (a) non-payment of obligations; (b) breach of any representation or warranty in any material respect; (c) non-performance of covenants and obligations; (d) with respect to other indebtedness in a principal amount in excess of \$100 million, a default thereunder that causes such indebtedness to become due prior to its stated maturity or a default in the payment at maturity of any principal of such indebtedness; (e) the bankruptcy or insolvency of Arconic; and (f) a change in control of Arconic.

There were no amounts outstanding at June 30, 2018 or December 31, 2017, and no amounts were borrowed during 2018 or 2017 under the Credit Facility.

In addition to the Credit Agreement above, Arconic has a number of other credit agreements that provide a combined borrowing capacity of \$715 as of June 30, 2018, of which \$350 is due to expire in 2018 and \$365 is due to expire in 2019. The purpose of any borrowings under these credit arrangements is to provide for working capital requirements and for other general corporate purposes. The covenants contained in all these arrangements are the same as the Credit Agreement. During the six months ended June 30, 2018, Arconic borrowed and repaid \$300 and \$300, respectively, under these other credit facilities. The weighted-average interest rate and weighted-average days outstanding during the second quarter and six months ended June 30, 2018 were 3.3% and 70 days and 3.2% and 65 days, respectively.

#### O. Fair Value of Financial Instruments

The carrying values of Cash and cash equivalents, Restricted cash, Derivatives, Noncurrent receivables and Short-term debt included in the Consolidated Balance Sheet approximate fair values. The Company holds exchange-traded fixed income securities which are considered available-for-sale securities which are carried at fair value which is based on quoted market prices.

The following table summarizes Arconic’s financial liabilities that were not carried at fair value at June 30, 2018 and December 31, 2017:

	June 30, 2018		December 31, 2017	
	Carrying value	Fair value	Carrying value	Fair value
Long-term debt, less amount due within one year	\$ 6,312	\$ 6,457	\$ 6,806	\$ 7,443

The fair value of Long-term debt, less amount due within one year was based on quoted market prices for public debt and on interest rates that are currently available to Arconic for issuance of debt with similar terms and maturities for non-public debt. The fair value amounts for all Long-term debt were classified in Level 2 of the fair value hierarchy.

## **P. Acquisitions and Divestitures**

In March 2017, Arconic completed the sale of its Fusina, Italy rolling mill to Slim Aluminium. While owned by Arconic, the operating results and assets and liabilities of the Fusina, Italy rolling mill were included in the Global Rolled Products segment. As part of the transaction, Arconic injected \$10 of cash into the business and provided a third-party guarantee with a fair value of \$5 related to Slim Aluminium's environmental remediation. The Company recorded a loss on the sale of \$60, which was recorded in Restructuring and other charges (see Note E) on the Statement of Consolidated Operations in the first quarter of 2017. The rolling mill generated third-party sales of approximately \$37 in the first quarter of 2017. At the time of the divestiture, the rolling mill had approximately 312 employees.

On April 2, 2018, Arconic completed the sale of its Latin America extrusions business to a subsidiary of Hydro Extruded Solutions AS for \$5 in cash, subject to post-closing adjustments that are not expected to be significant. The sales price approximates the carrying value of the net assets sold on the closing date, following the charge of \$41 recognized in the fourth quarter of 2017 related to the non-cash impairment of the net book value of the business. The operating results and assets and liabilities of the business were included in the Transportation and Construction Solutions segment. This business generated sales of approximately \$30 in the second quarter of 2017, and \$25 and \$56 in the six months ended June 30, 2018 and 2017, respectively.

## **Q. Contingencies and Commitments**

### **Contingencies**

#### **Environmental Matters**

Arconic participates in environmental assessments and cleanups at more than 100 locations. These include owned or operating facilities and adjoining properties, previously owned or operating facilities and adjoining properties, and waste sites, including Superfund (Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)) sites.

A liability is recorded for environmental remediation when a cleanup program becomes probable and the costs can be reasonably estimated. As assessments and cleanups proceed, the liability is adjusted based on progress made in determining the extent of remedial actions and related costs. The liability can change substantially due to factors such as the nature and extent of contamination, changes in remedial requirements, and technological changes, among others.

Arconic's remediation reserve balance was \$287 at June 30, 2018 and \$294 at December 31, 2017 (of which \$51 and \$41, respectively, was classified as a current liability), and reflects the most probable costs to remediate identified environmental conditions for which costs can be reasonably estimated.

Payments related to remediation expenses applied against the reserve were \$5 and \$8 in the second quarter and six months ended June 30, 2018, respectively. This amount includes expenditures currently mandated, as well as those not required by any regulatory authority or third party.

Included in annual operating expenses are the recurring costs of managing hazardous substances and environmental programs. These costs are estimated to be approximately 1% or less of cost of goods sold.

The following discussion provides details regarding the current status of the most significant remediation reserves related to a current Arconic site.

*Massena West, NY*—Arconic has an ongoing remediation project related to the Grasse River, which is adjacent to Arconic's Massena plant site. Many years ago, it was determined that sediments and fish in the river contain varying levels of polychlorinated biphenyls (PCBs). The project, which was selected by the U.S. Environmental Protection Agency (EPA) in a Record of Decision issued in April 2013, is aimed at capping PCB contaminated sediments with concentration in excess of one part per million in the main channel of the river and dredging PCB contaminated sediments in the near-shore areas where total PCBs exceed one part per million. At June 30, 2018 and December 31, 2017, the reserve balance associated with this matter was \$211 and \$215, respectively. Arconic is in the planning and design phase of the project, which is expected to be completed in 2018. Following the submittal of the final design and EPA approval, the actual remediation fieldwork is expected to commence and take approximately four years. The majority of the project funding is expected to be incurred between 2018 and 2022.

#### **Tax**

Pursuant to the Tax Matters Agreement entered into between Arconic and Alcoa Corporation in connection with the separation transaction with Alcoa Corporation, Arconic shares responsibility with Alcoa Corporation, and Alcoa Corporation has agreed to partially indemnify Arconic for 49% of the ultimate liability, with respect to the following matter.

As previously reported, in July 2013, following a Spanish corporate income tax audit covering the 2006 through 2009 tax years, an assessment was received mainly disallowing certain interest deductions claimed by a Spanish consolidated tax group owned by the Company. The assessment was \$151 (€131), including interest. In August 2013, the Company filed an appeal of this assessment in Spain's Central Tax Administrative Court, which was denied in January 2015. Arconic filed another appeal in Spain's National Court in March 2015 which was denied in July 2018. The Company is preparing to petition the Supreme Court of Spain to review the National Court's decision. If the petition is accepted, the Supreme Court will review the assessment on its merits and render a final decision. The National Court's decision requires the assessment for the 2006 through 2009 tax years to be reissued to take into account the outcome of the 2003 to 2005 audit which was closed in 2017. The Company estimates the revised assessment to be \$175 (€152), including interest. In the event the Company is unsuccessful in appealing the assessment to the Supreme Court of Spain, a portion of the assessment may be offset with existing net operating losses and tax credits available to the Spanish consolidated tax group, which would be shared between the Company and Alcoa Corporation as provided for in the Tax Matters Agreement. The Company will reassess the recognition and measurement of tax benefits related to the uncertain tax positions in the 2006 to 2009 tax years in the third quarter of 2018. The potential impact of the revised assessment on the Provision for income taxes could be a charge of up to approximately \$59 (€51) which would be recognized in the third quarter of 2018. As stated above, Alcoa Corporation is responsible for 49% of the net liability.

Additionally, while the tax years 2010 through 2013 are closed to audit, it is possible that the Company may receive assessments for tax years subsequent to 2013. Any potential assessment for an individual tax year is not expected to be material to the Company's consolidated operations.

#### Reynobond PE

*Howard v. Arconic Inc. et al.* As previously reported, a purported class action complaint related to the Grenfell Tower fire was filed on August 11, 2017 in the United States District Court for the Western District of Pennsylvania against Arconic Inc. and Klaus Kleinfeld. A related purported class action complaint was filed in the United States District Court for the Western District of Pennsylvania on August 25, 2017, under the caption *Sullivan v. Arconic Inc. et al.*, against Arconic Inc., two former Arconic executives, several current and former Arconic directors, and banks that acted as underwriters for Arconic's September 18, 2014 preferred stock offering (the "Preferred Offering"). The plaintiff in *Sullivan* had previously filed a purported class action against the same defendants on July 18, 2017 in the Southern District of New York and, on August 25, 2017, voluntarily dismissed that action without prejudice. On February 7, 2018, on motion from certain putative class members, the court consolidated *Howard* and *Sullivan*, closed *Sullivan*, and appointed lead plaintiffs in the consolidated case. On April 9, 2018, the lead plaintiffs in the consolidated purported class action filed a consolidated amended complaint. The consolidated amended complaint alleges that the registration statement for the Preferred Offering contained false and misleading statements and omitted to state material information, including by allegedly failing to disclose material uncertainties and trends resulting from sales of Reynobond PE for unsafe uses and by allegedly expressing a belief that appropriate risk management and compliance programs had been adopted while concealing the risks posed by Reynobond PE sales. The consolidated amended complaint also alleges that between November 4, 2013 and June 23, 2017 Arconic and Kleinfeld made false and misleading statements and failed to disclose material information about the Company's commitment to safety, business and financial prospects, and the risks of the Reynobond PE product, including in Arconic's Form 10-Ks for the fiscal years ended December 31, 2013, 2014, 2015 and 2016, its Form 10-Qs and quarterly financial press releases from the fourth quarter of 2013 through the first quarter of 2017, its 2013, 2014, 2015 and 2016 Annual Reports, and its 2016 Annual Highlights Report. The consolidated amended complaint seeks, among other things, unspecified compensatory damages and an award of attorney and expert fees and expenses. On June 8, 2018, all defendants moved to dismiss the consolidated amended complaint for failure to state a claim. Briefing on that motion remains ongoing.

*Raul v. Albaugh, et al.* On June 22, 2018, a derivative complaint was filed nominally on behalf of Arconic by a purported Arconic shareholder against all current members of Arconic's Board of Directors, Klaus Kleinfeld and Ken Giacobbe, naming Arconic as a nominal defendant, in the United States District Court for the District of Delaware. The complaint raises similar allegations as the consolidated amended complaint in *Howard*, as well as allegations that the defendants improperly authorized the sale of Reynobond PE for unsafe uses, and asserts claims under Section 14(a) of the Securities Exchange Act of 1934 and Delaware state law. On July 13, 2018, the parties filed a stipulation agreeing to stay this case until the final resolution of the *Howard* case, the Grenfell Tower public inquiry in London, and the investigation by the London Metropolitan Police Service and on June 23, 2018, the Court approved the stay.

While the Company believes that these cases are without merit and intends to challenge them vigorously, there can be no assurances regarding the ultimate resolution of these matters. Given the preliminary nature of these matters and the uncertainty of litigation, the Company cannot reasonably estimate at this time the likelihood of an unfavorable outcome or the possible loss or range of losses in the event of an unfavorable outcome. The Board of Directors has also received letters, purportedly sent on behalf of shareholders, reciting allegations similar to those made in the federal court lawsuits and demanding that the Board authorize the Company to initiate litigation against members of management, the Board and others. The Board of Directors has



appointed a Special Litigation Committee of the Board to review and make recommendations to the Board regarding the appropriate course of action with respect to these shareholder demand letters. The Special Litigation Committee and the Board are continuing to consider the appropriate responses to the shareholder demand letters in view of developments in proceedings concerning the Grenfell Tower fire. In addition, the Company has settled lawsuits with another shareholder that had been pending in state court in New York and federal court in Pennsylvania concerning the shareholder's demand to inspect certain of the Company's books and records related to the Grenfell Tower fire and Reynobond PE.

#### Other

In addition to the matters discussed above, various other lawsuits, claims, and proceedings have been or may be instituted or asserted against Arconic, including those pertaining to environmental, product liability, safety and health, employment, and tax matters. While the amounts claimed in these other matters may be substantial, the ultimate liability cannot currently be determined because of the considerable uncertainties that exist. Therefore, it is possible that the Company's liquidity or results of operations in a period could be materially affected by one or more of these other matters. However, based on facts currently available, management believes that the disposition of these other matters that are pending or asserted will not have a material adverse effect, individually or in the aggregate, on the results of operations, financial position or cash flows of the Company.

#### **Commitments**

##### Guarantees

At June 30, 2018, Arconic had outstanding bank guarantees related to tax matters, outstanding debt, workers' compensation, environmental obligations, energy contracts, and customs duties, among others. The total amount committed under these guarantees, which expire at various dates between 2018 and 2026, was \$33 at June 30, 2018.

Pursuant to the Separation and Distribution Agreement between Arconic and Alcoa Corporation, Arconic was required to provide certain guarantees for Alcoa Corporation, which had a combined fair value of \$7 and \$8 at June 30, 2018 and December 31, 2017, respectively, and were included in Other noncurrent liabilities and deferred credits on the accompanying Consolidated Balance Sheet. Arconic was required to provide payment guarantees for Alcoa Corporation issued on behalf of a third party, and amounts outstanding under these payment guarantees were \$111 and \$197 at June 30, 2018 and December 31, 2017, respectively. These guarantees expire at various times between 2018 and 2024, and relate to project financing for Alcoa Corporation's aluminum complex in Saudi Arabia. Furthermore, Arconic was required to provide a guarantee up to an estimated present value amount of approximately \$1,156 and \$1,297 at June 30, 2018 and December 31, 2017, respectively, related to a long-term supply agreement for energy for an Alcoa Corporation facility in the event of an Alcoa Corporation payment default. This guarantee expires in 2047. For each guarantee, subject to its respective provisions, Arconic is secondarily liable in the event of a payment default by Alcoa Corporation. Arconic currently views the risk of an Alcoa Corporation payment default on its obligations under the respective contracts to be remote.

##### Letters of Credit

Arconic has outstanding letters of credit, primarily related to workers' compensation, environmental obligations and leasing obligations. The total amount committed under these letters of credit, which automatically renew or expire at various dates, mostly in 2018, was \$128 at June 30, 2018.

Pursuant to the Separation and Distribution Agreement, Arconic was required to retain letters of credit of \$53 that had previously been provided related to both Arconic and Alcoa Corporation workers' compensation claims which occurred prior to November 1, 2016. Alcoa Corporation workers' compensation claims and letter of credit fees paid by Arconic are being proportionally billed to and are being fully reimbursed by Alcoa Corporation.

##### Surety Bonds

Arconic has outstanding surety bonds, primarily related to tax matters, contract performance, workers' compensation, environmental-related matters, and customs duties. The total amount committed under these surety bonds, which expire at various dates, primarily in 2018, was \$49 at June 30, 2018.

Pursuant to the Separation and Distribution Agreement, Arconic was required to provide surety bonds related to Alcoa Corporation workers' compensation claims which occurred prior to November 1, 2016 and, as a result, Arconic has \$25 in outstanding surety bonds relating to these liabilities. Alcoa Corporation workers' compensation claims and surety bond fees paid by Arconic are being proportionately billed to and are being fully reimbursed by Alcoa Corporation.

## **R. Subsequent Events**

Management evaluated all activity of Arconic and concluded that no subsequent events have occurred that would require recognition in the Consolidated Financial Statements or disclosure in the Notes to the Consolidated Financial Statements, except as noted below:

See Notes H and Q for details of subsequent events related to an uncertain tax position that was effectively settled and an ongoing tax matter in Spain.

On July 31, 2018, the Company announced that it had initiated a sale process of its Building and Construction Systems (BCS) business, as part of the Company's ongoing strategy and portfolio review that commenced in January 2018. BCS is part of the Transportation and Construction Solutions segment and generated third-party sales of approximately \$1,070 for the year ended December 31, 2017.

**Report of Independent Registered Public Accounting Firm**

To the Shareholders and Board of Directors of Arconic Inc.

***Results of Review of Financial Statements***

We have reviewed the accompanying consolidated balance sheet of Arconic Inc. and its subsidiaries as of June 30, 2018, and the related statements of consolidated operations, and consolidated comprehensive income for the three-month and six-month periods ended June 30, 2018 and 2017 and the statements of consolidated cash flows and changes in consolidated equity for the six-month periods ended June 30, 2018 and 2017, including the related notes (collectively referred to as the “interim financial statements”). Based on our reviews, we are not aware of any material modifications that should be made to the accompanying interim financial statements for them to be in conformity with accounting principles generally accepted in the United States of America.

We have previously audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheet of the Company as of December 31, 2017, and the related statements of consolidated operations, consolidated comprehensive (loss) income, changes in consolidated equity, and consolidated cash flows for the year then ended (not presented herein), and in our report dated February 23, 2018, we expressed an unqualified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying consolidated balance sheet information as of December 31, 2017, is fairly stated, in all material respects, in relation to the consolidated balance sheet from which it has been derived.

***Basis for Review Results***

These interim financial statements are the responsibility of the Company’s management. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB. We conducted our review in accordance with the standards of the PCAOB. A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with the standards of the PCAOB, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

/s/ PricewaterhouseCoopers LLP  
PricewaterhouseCoopers LLP  
Pittsburgh, Pennsylvania  
August 2, 2018

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

(dollars in millions, except per share amounts)

### Overview

#### Our Business

Arconic ("Arconic" or the "Company") is a global leader in lightweight metals engineering and manufacturing. Arconic's innovative, multi-material products, which include aluminum, titanium, and nickel, are used worldwide in aerospace, automotive, commercial transportation, building and construction, industrial applications, defense, and packaging.

#### Results of Operations

##### Earnings Summary:

**Sales.** Sales were \$3,573 in the second quarter of 2018 compared to \$3,261 in the second quarter of 2017 and \$7,018 in the six months ended June 30, 2018 compared to \$6,453 in the six months ended June 30, 2017. The increase of \$312, or 10%, in the second quarter of 2018 and \$565, or 9%, in the six months ended June 30, 2018, was the result of strong volume growth across all segments, primarily in the aerospace engines and defense, automotive, commercial transportation, and building and construction end markets; higher aluminum prices; and favorable foreign currency movements; partially offset by costs of \$38 related to settlements of certain customer claims primarily related to product introductions; the absence of sales from the rolling mill in Fusina, Italy, which was divested in March 2017, and the Latin America extrusions business, which was divested in April 2018; unfavorable aerospace wide-body production mix; and a decline in the industrial gas turbine end market.

**Cost of goods sold (COGS).** COGS as a percentage of Sales was 81.2% in the second quarter of 2018 compared to 78.2% in the second quarter of 2017 and 80.8% in the six months ended June 30, 2018 compared to 77.6% in the six months ended June 30, 2017. The increase in the second quarter and six months ended June 30, 2018 was the result of higher aluminum prices, unfavorable product mix, higher input costs, costs related to settlements of certain customer claims noted above, performance shortfalls in the rings and disks operations, and the impact of a \$23 charge related to a physical inventory adjustment at one plant in the Engineered Products and Solutions segment. While a portion of this charge for the physical inventory adjustment relates to prior years, the majority relates to 2018. The out-of-period amounts are not material to any interim or annual periods.

**Selling, general administrative, and other expenses (SG&A).** SG&A expenses were \$158 in the second quarter of 2018 compared to \$200 in the second quarter of 2017 and \$330 in the six months ended June 30, 2018 compared to \$417 in the six months ended June 30, 2017. The decrease of \$42, or 21%, in the second quarter of 2018 was the result of proxy, advisory and governance-related costs of \$42 in the second quarter of 2017 which did not recur in 2018. Also, lower expenses driven by overhead cost reductions were partially offset by the impact of legal and other advisory costs related to Grenfell Tower of \$4. The decrease of \$87, or 21%, in the six months ended June 30, 2018 was the result of costs related to the separation of Alcoa Inc. of \$18 and proxy, advisory and governance-related costs of \$58 in the six months ended June 30, 2017, neither of which recurred in 2018. Also, lower expenses driven by overhead cost reductions were partially offset by the impact of legal and other advisory costs related to Grenfell Tower of \$9.

**Restructuring and other charges.** Restructuring and other charges were \$15 in the second quarter of 2018 compared to \$26 in the second quarter of 2017 and \$22 in the six months ended June 30, 2018 compared to \$99 in the six months ended June 30, 2017. The decrease of \$11, or 42%, in the second quarter of 2018 was the result of lower restructuring activity. The decrease of \$77, or 78%, in the six months ended June 30, 2018, was primarily the result of a loss of \$60 on the sale of the Fusina, Italy rolling mill in March 2017. See Note E to the Consolidated Financial Statements.

**Interest expense.** Interest expense was \$89 in the second quarter of 2018 compared to \$183 in the second quarter of 2017 and \$203 in the six months ended June 30, 2018 compared to \$298 in the six months ended June 30, 2017. The decrease of \$94, or 51%, in the second quarter of 2018 was the result of costs incurred in the second quarter of 2017 related to premiums paid for the early redemption of the Company's outstanding debt of \$76 which did not recur in 2018, and lower interest expense due to lower debt outstanding. The decrease of \$95, or 32%, in the six months ended June 30, 2018, was the result of higher costs incurred in the six months ended June 30, 2017 related to the early redemption of the Company's outstanding debt than were incurred during 2018 and lower interest expense due to lower debt outstanding.

**Other expense (income), net.** Other expense, net was \$41 in the second quarter of 2018 compared to Other income, net of \$132 in the second quarter of 2017 and Other expense, net was \$61 in the six months ended June 30, 2018 compared to Other income, net of \$448 in the six months ended June 30, 2017. The decrease of \$173 in the second quarter of 2018 was primarily due to the \$167 gain on the Debt-for-Equity Exchange (see Note F to the Consolidated Financial Statements) in the second quarter of 2017 that did not recur in 2018. The decrease of \$509 in the six months ended June 30, 2018 was primarily due to gains recorded during the six months ended June 30, 2017 related to the sale of a portion of Arconic's investment in Alcoa Corporation common stock of \$351 and the Debt-for-Equity Exchange of \$167, neither of which recurred in 2018.

*Provision for income taxes.* The tax rate, including discrete items, was 38.1% and 21.2% for the second quarter of 2018 and 2017, respectively. A discrete charge of \$21 was recorded in the second quarter of 2018. The estimated annual effective tax rate before discrete items applied to ordinary income was 27.0% and 28.4% for the six months ended June 30, 2018 and 2017, respectively. See Note H to the Consolidated Financial Statements.

*Net income.* Net income was \$120 in the second quarter of 2018 or \$0.24 per diluted share, compared to \$212 in the second quarter of 2017, or \$0.43 per diluted share, and \$263 in the six months ended June 30, 2018, or \$0.53 per diluted share, compared to \$534 in the six months ended June 30, 2017, or \$1.07 per diluted share. The decrease of \$92, or 43%, in the second quarter of 2018 was primarily attributable to the gain on the Debt-for-Equity Exchange in the second quarter of 2017 that did not recur in 2018, higher aluminum prices, and costs related to settlements of certain customer claims and a physical inventory adjustment, partially offset by volume growth and lower SG&A and interest expense. The decrease of \$271, or 51%, in the six months ended June 30, 2018 was primarily attributable to gains recorded during the six months ended June 30, 2017 related to the sale of a portion of Arconic's investment in Alcoa Corporation common stock and the Debt-for-Equity Exchange, neither of which recurred in 2018, higher aluminum prices, and costs related to settlements of certain customer claims and a physical inventory adjustment, partially offset by volume growth and lower expenses for Restructuring and other charges, SG&A, interest and income taxes.

## Segment Information

In the first quarter of 2018, the Company changed its primary measure of segment performance from Adjusted earnings before interest, tax, depreciation and amortization ("Adjusted EBITDA") to Segment operating profit, which more closely aligns segment performance with Operating income as presented in the Statement of Consolidated Operations. Segment performance under Arconic's management reporting system is evaluated based on a number of factors; however, the primary measure of performance is Segment operating profit. Arconic's definition of Segment operating profit is Operating income excluding Special items. Special items include Restructuring and other charges and Impairment of goodwill. Segment operating profit also includes certain items which under the previous segment performance measure were recorded in Corporate, such as the impact of LIFO inventory accounting, metal price lag, intersegment profit eliminations, and derivative activities. Segment operating profit may not be comparable to similarly titled measures of other companies. Prior period financial information has been recast to conform to current year presentation.

## Engineered Products and Solutions

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Third-party sales	\$ 1,596	\$ 1,485	\$ 3,137	\$ 2,972
Segment operating profit	212	250	433	497

Third-party sales for the Engineered Products and Solutions segment increased \$111, or 7%, in the second quarter of 2018 and \$165, or 6%, in the six months ended June 30, 2018 compared with the corresponding periods in 2017, primarily as a result of higher volumes in the aerospace engines and defense end markets and favorable foreign currency movements, partially offset by a decline in the industrial gas turbine market and unfavorable product pricing.

Segment operating profit for the Engineered Products and Solutions segment decreased \$38, or 15%, in the second quarter of 2018 and \$64, or 13%, in the six months ended June 30, 2018 compared to the corresponding periods in 2017, due to performance shortfalls in the rings and disks operations, unfavorable product mix, and the negative impact of a physical inventory adjustment of \$23, partially offset by the strength in aerospace engine volumes.

In 2018, demand in the commercial aerospace end market is expected to remain strong, driven by the ramp-up of new aerospace engine platforms. Demand in the defense end market is expected to grow due to the continuing ramp-up of certain aerospace programs, while declines in the industrial gas turbine market are likely to continue. Net cost savings are anticipated despite higher input costs, and pricing pressures and challenges at the rings and disks operations are expected to continue.

## Global Rolled Products

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Third-party sales	\$ 1,451	\$ 1,271	\$ 2,817	\$ 2,519
Intersegment sales	46	37	88	71
Total sales	\$ 1,497	\$ 1,308	\$ 2,905	\$ 2,590
Segment operating profit	123	133	235	269
Third-party aluminum shipments (kmt)	315	307	623	617

Third-party sales for the Global Rolled Products segment increased \$180, or 14%, in the second quarter of 2018 and \$298, or 12%, in the six months ended June 30, 2018 compared with the corresponding periods in 2017, primarily as a result of higher aluminum prices, higher volumes in the automotive and commercial transportation end markets, and favorable foreign currency movements, partially offset by the absence of sales from the rolling mill in Fusina, Italy, which was divested in March 2017.

Segment operating profit for the Global Rolled Products segment decreased \$10, or 8%, in the second quarter of 2018 and \$34, or 13%, in the six months ended June 30, 2018 compared with the corresponding periods in 2017, principally driven by unfavorable aerospace wide-body production mix and higher aluminum prices, partially offset by higher automotive and commercial transportation volumes and net cost savings.

In 2018, demand in the automotive end market is expected to continue to grow due to the growing demand for innovative products and aluminum-intensive vehicles. Demand from the commercial airframe end market is expected to be flat as the ramp-up of new programs is offset by lower build rates for aluminum intensive wide-body programs. The ramp-down of Arconic's North American packaging operations is expected to continue. Higher aluminum prices are expected to continue to negatively impact this segment on a year over year basis. Net cost savings are anticipated to continue.

### Russia Sanctions

On April 6, 2018, the U.S. Administration announced new sanctions against Russian "oligarchs" and extended those sanctions to companies that are majority-owned or substantively controlled by those oligarchs. These sanctions block U.S. persons - both individuals and companies - from engaging in transactions with listed oligarchs and their companies. These new sanctions extend to UC Rusal PLC ("Rusal"), which supplies primary aluminum to Arconic in Europe, the United States, and to the Company's Samara plant in Russia. The Company complies with and expects to continue to comply with these sanctions. We do not anticipate any interruption in Samara's supply of metal from Rusal based on these sanctions, and we expect that our facilities in Europe and the United States will be able to obtain metal from alternate sources if necessary. We anticipate that the price of aluminum will continue to fluctuate based upon supply/demand balance and the supply uncertainty created by the sanctions.

## Transportation and Construction Solutions

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Third-party sales	\$ 562	\$ 504	\$ 1,099	\$ 960
Segment operating profit	97	71	164	139

Third-party sales for the Transportation and Construction Solutions segment increased \$58, or 12%, in the second quarter of 2018 and \$139, or 14%, in the six months ended June 30, 2018 compared with the corresponding periods in 2017, primarily as a result of higher volumes in the commercial transportation and building and construction end markets, higher aluminum prices and favorable foreign currency movements, partially offset by the absence of sales resulting from the divestiture of the Latin America extrusions business in April 2018.

Segment operating profit for the Transportation and Construction Solutions segment increased \$26, or 37%, in the second quarter of 2018 and \$25, or 18%, in the six months ended June 30, 2018 compared with the corresponding periods in 2017, principally as a result of higher volume in the commercial transportation and building and construction end markets, favorable foreign currency movements and net cost savings, partially offset by higher aluminum prices.

On April 2, 2018, Arconic completed the sale of its Latin America extrusions business to a subsidiary of Hydro Extruded Solutions AS. The sale is part of Arconic's continued drive to streamline its business portfolio, reduce complexity and further focus on its higher-margin products and profitable growth.

In 2018, we expect continued growth in the North American and European commercial transportation and building and construction markets and continued demand for innovative products. Net cost savings are anticipated to continue.

#### Reconciliation of Total segment operating profit to Consolidated income before income taxes

	Second quarter ended		Six months ended	
	June 30,		June 30,	
	2018	2017	2018	2017
Total segment operating profit	\$ 432	\$ 454	\$ 832	\$ 905
Unallocated amounts:				
Restructuring and other charges	(15)	(26)	(22)	(99)
Corporate expense	(93)	(108)	(153)	(203)
Consolidated operating income	\$ 324	\$ 320	\$ 657	\$ 603
Interest expense	(89)	(183)	(203)	(298)
Other (expense) income, net	(41)	132	(61)	448
Consolidated income before income taxes	\$ 194	\$ 269	\$ 393	\$ 753

The changes in the reconciling items between Total segment operating profit and Consolidated income before income taxes in the second quarter and six months ended June 30, 2018 compared to the corresponding periods in 2017 consisted of:

- a decrease in Restructuring and other charges in the six months months ended June 30, 2018, primarily due to a loss of \$60 on the sale of the Fusina, Italy rolling mill in March 2017. See Note E to the Consolidated Financial Statements;
- a decrease in Corporate expense in the second quarter of 2018, primarily due to proxy, advisory and governance-related costs of \$42 incurred in the second quarter of 2017 which did not recur in 2018, as well as lower expenses driven by overhead cost reductions, partially offset by costs incurred in the second quarter of 2018 of \$38 related to settlements of certain customer claims primarily related to product introductions and \$4 for legal and other advisory costs related to Grenfell Tower. The decrease in Corporate expense in the six months ended June 30, 2018 was primarily due to costs related to the separation of Alcoa Inc. of \$18 and proxy, advisory and governance-related costs of \$58 incurred during the six months ended June 30, 2017, neither of which recurred in 2018, as well as lower expenses driven by overhead cost reductions, partially offset by costs incurred in the six months ended June 30, 2018 of \$38 related to the settlements of certain customer claims primarily related to product introductions and \$9 for legal and other advisory costs related to Grenfell Tower;
- a decrease in Interest expense in the second quarter of 2018, primarily due to costs incurred in the second quarter of 2017 related to the early redemption of the Company's outstanding debt which did not recur in 2018, and lower interest expense due to lower debt outstanding. The decrease in Interest expense in the six months ended June 30, 2018 was primarily due to higher costs incurred in the six months ended June 30, 2017 related to the early redemption of the Company's outstanding debt than were incurred during 2018, and lower interest expense due to lower debt outstanding; and
- a decrease in Other (expense) income, net in the second quarter of 2018, was primarily due to the \$167 gain on the Debt-for-Equity Exchange in the second quarter of 2017 that did not recur in 2018. The decrease in Other (expense) income, net in the six months ended June 30, 2018 was primarily due to gains recorded during the six months ended June 30, 2017 related to the sale of a portion of Arconic's investment in Alcoa Corporation common stock of \$351 and the Debt-for-Equity Exchange of \$167, neither of which recurred in 2018.

#### Environmental Matters

See the Environmental Matters section of Note Q to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q.

#### Subsequent Events

See Note R to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q.

## Liquidity and Capital Resources

### Operating activities

Cash used for operations was \$260 in the six months ended June 30, 2018 compared to \$316 in the six months ended June 30, 2017. The decrease in cash used of \$56, or 18%, was primarily due to higher operating results (net income plus net add-back for noncash transactions in earnings) of \$87 and a favorable change in noncurrent assets of \$56, partially offset by higher pension contributions of \$74 and higher working capital of \$10. The components of the change in working capital included unfavorable changes of \$142 in receivables, \$70 in inventories and \$84 in taxes, including income taxes, partially offset by a favorable change of \$287 in accounts payable.

### Financing Activities

Cash used for financing activities was \$577 in the six months ended June 30, 2018 compared to \$955 in the six months ended June 30, 2017. The decrease in cash used of \$378 was primarily related to the early redemption during 2017 of the Company's 6.50% Bonds due 2018, 6.75% Notes due 2018, and a portion of the 5.72% Notes due 2019, partially offset by the early redemption during 2018 of the remaining outstanding 5.72% Notes due in 2019 (see Note N to the Consolidated Financial Statements).

Arconic maintains a Five-Year Revolving Credit Agreement (the "Credit Agreement") with a syndicate of lenders and issuers named therein. See Note N to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q for reference.

In addition to the Credit Agreement above, Arconic has a number of other credit agreements that provide a combined borrowing capacity of \$715 as of June 30, 2018, of which \$350 is due to expire in 2018 and \$365 is due to expire in 2019. The purpose of any borrowings under these credit arrangements is to provide for working capital requirements and for other general corporate purposes. The covenants contained in all these arrangements are the same as the Credit Agreement. During the six months ended June 30, 2018, Arconic borrowed and repaid \$300 and \$300, respectively, under these other credit facilities. The weighted-average interest rate and weighted-average days outstanding during the second quarter and six months ended June 30, 2018 were 3.3% and 70 days and 3.2% and 65 days, respectively.

Arconic's costs of borrowing and ability to access the capital markets are affected not only by market conditions but also by the short- and long-term debt ratings assigned to Arconic by the major credit rating agencies.

Arconic's credit ratings from the three major credit rating agencies are as follows:

	Long-Term Debt	Short-Term Debt	Outlook	Date of Last Update
Standard and Poor's	BBB-	A-3	Stable	May 1, 2017
Moody's	Ba2	Speculative Grade Liquidity-2	Stable	November 2, 2017
Fitch	BB+	B	Stable	July 3, 2017

### Investing Activities

Cash provided from investing activities was \$146 in the six months ended June 30, 2018 compared to \$1,179 in the six months ended June 30, 2017. The decrease of \$1,033 was primarily due to the sale of Alcoa Corporation common stock for proceeds of \$888 and the receipt of proceeds from the sale of the Yadkin Hydroelectric Project of \$243 during the six months ended June 30, 2017, which were partly offset by an increase in cash receipts from sold receivables of \$135.

### Recently Adopted and Recently Issued Accounting Guidance

See Note B to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q.

### Forward-Looking Statements

This report contains statements that relate to future events and expectations and as such constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include those containing such words as "anticipates," "believes," "could," "estimates," "expects," "forecasts," "goal," "guidance," "intends," "may," "outlook," "plans," "projects," "seeks," "sees," "should," "targets," "will," "would," or other words of similar meaning. All statements that reflect Arconic's expectations, assumptions or projections about the future, other than statements of historical fact, are forward-looking statements, including, without limitation, forecasts and expectations relating to the growth of the aerospace, automotive, commercial transportation and other end markets; statements and guidance regarding future financial results or operating performance; and statements about Arconic's strategies, outlook, business and financial prospects. These statements reflect beliefs and assumptions that are based on Arconic's perception of historical trends, current conditions



and expected future developments, as well as other factors Arconic believes are appropriate in the circumstances. Forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties, and changes in circumstances that are difficult to predict, which could cause actual results to differ materially from those indicated by these statements. Such risks and uncertainties include, but are not limited to: (a) deterioration in global economic and financial market conditions generally; (b) unfavorable changes in the markets served by Arconic; (c) the inability to achieve the level of revenue growth, cash generation, cost savings, improvement in profitability and margins, fiscal discipline, or strengthening of competitiveness and operations anticipated or targeted; (d) competition from new product offerings, disruptive technologies or other developments; (e) political, economic, and regulatory risks relating to Arconic's global operations, including compliance with U.S. and foreign trade and tax laws, sanctions, embargoes and other regulations; (f) manufacturing difficulties or other issues that impact product performance, quality or safety; (g) Arconic's inability to realize expected benefits, in each case as planned and by targeted completion dates, from acquisitions, divestitures, facility closures, curtailments, expansions, or joint ventures; (h) the impact of cyber attacks and potential information technology or data security breaches; (i) changes in discount rates or investment returns on pension assets; (j) the impact of changes in aluminum prices and foreign currency exchange rates on costs and results; (k) the outcome of contingencies, including legal proceedings, government or regulatory investigations, and environmental remediation, which can expose Arconic to substantial costs and liabilities; and (l) the other risk factors summarized in Arconic's Form 10-K for the year ended December 31, 2017 and other reports filed with the U.S. Securities and Exchange Commission (the "SEC"). Arconic disclaims any intention or obligation to update publicly any forward-looking statements, whether in response to new information, future events, or otherwise, except as required by applicable law. Market projections are subject to the risks discussed above and other risks in the market.

### **Item 3. Quantitative and Qualitative Disclosures about Market Risk.**

Not material.

### **Item 4. Controls and Procedures.**

#### **(a) Evaluation of Disclosure Controls and Procedures**

Arconic's Chief Executive Officer and Chief Financial Officer have evaluated the Company's disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934, as of the end of the period covered by this report, and they have concluded that these controls and procedures are effective.

#### **(b) Changes in Internal Control over Financial Reporting**

There have been no changes in internal control over financial reporting during the second quarter of 2018 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

## **PART II – OTHER INFORMATION**

### **Item 1. Legal Proceedings.**

See the Reynobond PE and Tax sections of Note Q to the Consolidated Financial Statements in Part I Item 1 of this Form 10-Q.

**Item 6. Exhibits.**

<a href="#">10(a).</a>	2013 Arconic Stock Incentive Plan, as amended and restated, incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K dated May 22, 2018
<a href="#">10(b).</a>	Amendment No. 2, dated as of June 29, 2018, to the Company's Five-Year Revolving Credit Agreement dated as of July 25, 2014, by and among the Company, a syndicate of lenders and issuers named therein, Citibank, N.A., as administrative agent for the lenders and issuers, and JPMorgan Chase Bank, N.A., as syndication agent, incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K dated July 2, 2018
<a href="#">10(c).</a>	Letter Agreement, from Arconic Inc. to Katherine H. Ramundo, dated as of May 31, 2018
<a href="#">10(d).</a>	Special Retention Award Agreement - Katherine H. Ramundo, effective May 16, 2018
<a href="#">10(e).</a>	Special Retention Award Agreement - Paul Myron, effective May 16, 2018
<a href="#">10(f).</a>	Form of Stock Option Award Agreement
<a href="#">10(g).</a>	Form of Restricted Share Unit Award Agreement
<a href="#">12.</a>	Computations of Ratio of Earnings to Fixed Charges and Ratio of Earnings to Combined Fixed Charges and Preferred Stock Dividends
<a href="#">15.</a>	Letter regarding unaudited interim financial information
<a href="#">31.</a>	Certifications pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
<a href="#">32.</a>	Certification pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

	Arconic Inc.
August 2, 2018	/s/ Ken Giacobbe
Date	Ken Giacobbe Executive Vice President and Chief Financial Officer (Principal Financial Officer)
August 2, 2018	/s/ Paul Myron
Date	Paul Myron Vice President and Controller (Principal Accounting Officer)

May 31, 2018

Kate Ramundo  
1 Sussex Avenue  
Bronxville, NY 10708

Dear Kate:

I am pleased to confirm that you were issued 55,530 restricted stock units (RSUs) as a special retention award valued at \$1,000,095 on the grant date of May 16, 2018 (based on the Arconic closing stock price of \$18.01 on that date). The award will vest in full on December 31, 2019, subject to your continued employment through that date. This award is a demonstration of our continuing commitment to you. The enclosed Fact Sheet outlines the terms and conditions of the grant.

Furthermore, per our discussion, if you decide not to relocate to Virginia, your termination (other than termination for cause) or your voluntary resignation will be considered a Severance Event under the Arconic Executive Severance Plan, for which you will be entitled to receive severance payments and benefits thereunder, provided that your last day with Arconic is not earlier than September 30, 2018 and not later than June 30, 2020.

We look forward to your continued contributions toward our success.

Sincerely,

/s/ Chip Blankenship

Chip Blankenship

**ARCONIC INC.**  
**SPECIAL RETENTION AWARD AGREEMENT**  
**KATE RAMUNDO**  
**Grant Date: May 16, 2018**

The terms and conditions of this Global Special Retention Award Agreement, including Appendices A and B attached hereto, (the "Award Agreement") are authorized by the Compensation and Benefits Committee of the Board of Directors. The special retention award ("Special Retention Award") is granted to the Participant under the 2013 Arconic Stock Incentive Plan, as amended and restated and as may be further amended from time to time (the "Plan").

Terms that are defined in the Plan have the same meanings in the Award Agreement.

**NOTE: To avoid cancellation of the Special Retention Award, the Participant must affirmatively accept the Award and the terms of this Award Agreement within 6 months of the grant date, as set forth in paragraph 30 of the Award Agreement.**

*General Terms and Conditions*

1. The Special Retention Awards are subject to the provisions of the Plan and the provisions of the Award Agreement. If the Plan and the Award Agreement are inconsistent, the provisions of the Plan will govern. Interpretations of the Plan and the Award Agreement by the Committee are binding on the Participant and the Company. A Special Retention Award is an undertaking by the Company to issue the number of Shares indicated in the notice of the Special Retention Award on the date the Special Retention Award vests, subject to the fulfillment of certain conditions, except to the extent otherwise provided in the Plan or herein.

*Vesting and Payment*

2. The Special Retention Award vests on December 31, 2019, and will be paid to the Participant in Shares on the vesting date or within 90 days thereafter.
3. As a condition to a Special Retention Award vesting, a Participant must remain an active employee of the Company or a Subsidiary through the date of vesting. Except as provided in paragraph 5, if a Participant's employment with the Company (including its Subsidiaries) is terminated prior to the vesting date of the Special Retention Award, the Special Retention Award is forfeited and is automatically canceled.
4. Special Retention Awards will be paid by the issuance to the Participant of Shares covered by the Special Retention Award. Prior to issuance of the Shares, the Participant has no voting rights. Dividend equivalents will accrue on Special Retention Awards, unless the Committee determines that no dividend equivalents may be accrued or paid. Dividend equivalents that accrue on Special Retention Awards will be equal to the common stock dividend per Share payable on the Company's common stock multiplied by the number of Shares covered by the Special Retention Award. Notwithstanding any provision herein to the contrary, no dividends or dividend equivalents will be paid on Special Retention Awards that have not vested.
5. The following are exceptions to the vesting rules:
  - Involuntary Termination without Cause: An unvested Special Retention Award held by a Participant who is involuntarily terminated without Cause (as defined below) from employment with the Company or a Subsidiary during the vesting period is not forfeited in whole but only in part upon termination of employment. The portion of the Special Retention Award that is not forfeited vests on the original stated vesting date set forth in paragraph 2 and is calculated based on a proportionate share of the time during the vesting period that the Participant remained actively employed with the Company or a Subsidiary, with the remaining portion being automatically forfeited. The

proportionate share is computed on the basis of the actual number of days actively employed after the date of grant over a total vesting period of 586 days (calculated based on a 360-day year). For example, a Participant who is involuntarily terminated without Cause from employment with the Company (or a Subsidiary) after one-third of the vesting period will receive one-third of the Shares upon vesting, with the remaining two-thirds of the Shares being automatically forfeited upon termination.

For this purpose, if the Participant participates in the Arconic Inc. Change in Control Severance Plan, "Cause" shall have the meaning set forth in such plan. If the Participant does not participate in the Arconic Inc. Change in Control Severance Plan, "Cause" means (i) the willful and continued failure by the Participant to substantially perform the Participant's duties with the Employer that has not been cured within 30 days after a written demand for substantial performance is delivered to the Participant by the Board or the Participant's direct supervisor, which demand specifically identifies the manner in which the Participant has not substantially performed the Participant's duties, (ii) the willful engaging by the Participant in conduct which is demonstrably and materially injurious to the Company or a Subsidiary, monetarily or otherwise; (iii) the Participant's fraud or acts of dishonesty relating to the Company or any of its Subsidiaries, or (iv) the Participant's conviction of any misdemeanor relating to the affairs of the Company or any of its Subsidiaries or indictment for any felony. For purposes of clauses (i) and (ii) of this definition, no act, or failure to act, on the Participant's part shall be deemed "willful" unless done, or omitted to be done, by the Participant not in good faith and without reasonable belief that the Participant's act, or failure to act, was in the best interest of the Company.

- Death or Disability: An unvested Special Retention Award held by a Participant, who dies while an employee or who is permanently and totally disabled while an employee, is not forfeited but vests on the original stated vesting date set forth in paragraph 2.

A Participant is deemed to be permanently and totally disabled if the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months. A Participant shall not be considered to be permanently and totally disabled unless the Participant furnishes proof of the existence thereof in such form and manner, and at such times, as the Company may require. In the event of a dispute, the determination whether a Participant is permanently and totally disabled will be made by the Committee or its delegate.

- Change in Control: A Special Retention Award vests if a Replacement Award is not provided following certain Change in Control events, as described in the Plan. If the Change in Control qualifies as a "change in control event" within the meaning of Treas. Reg. § 1.409-3(i)(5), the vested Special Retention Award will be paid to the Participant within 30 days following the Change in Control. If the Change in Control does not so qualify, the vested Special Retention Award will be paid to the Participant on the original stated vesting date set forth in paragraph 2.
- Termination Following Change in Control: As further described in the Plan, if a Replacement Award is provided following a Change in Control, but within 24 months of such Change in Control the Participant's employment is terminated without Cause (as defined in the Arconic Inc. Change in Control Severance Plan) or by the Participant for Good Reason (as defined in the Arconic Inc. Change in Control Severance Plan), the Replacement Award will vest and will be paid to the Participant on the original stated vested date set forth in paragraph 2.

#### **Taxes**

6. All taxes required to be withheld under applicable tax laws in connection with a Special Retention Award must be paid by the Participant at the appropriate time under applicable tax laws. The Company may satisfy applicable tax

withholding obligations by any of the means set forth in Section 15(l) of the Plan, but will generally withhold from the Shares to be issued upon payment of the Special Retention Award that number of Shares with a fair market value on the vesting date equal to the taxes required to be withheld at the minimum required rates or, to the extent permitted under applicable accounting principles, at up to the maximum individual tax rate for the applicable tax jurisdiction, which include, for Participants subject to taxation in the United States, applicable income taxes, federal and state unemployment compensation taxes and FICA/FUTA taxes. Notwithstanding the foregoing, if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended, the Company will withhold Shares from the Shares to be issued upon payment of the Special Retention Award, as described herein, and will not use the other means set forth in the Plan unless pursuant to an election by the Participant or in the event that withholding in Shares is problematic under applicable tax or securities law or has materially adverse accounting consequences. Further, notwithstanding anything herein to the contrary, the Company may cause a portion of the Special Retention Award to vest prior to the stated vesting date set forth in paragraph 2 in order to satisfy any Tax-Related Items that arise prior to the date of settlement of the Special Retention Award; provided that to the extent necessary to avoid a prohibited distribution under Section 409A of the Code, the portion of the Special Retention Award so accelerated and settled shall be with respect to a number of Shares with a value that does not exceed the liability for such Tax-Related Items.

### **Beneficiaries**

7. If permitted by the Company, Participants will be entitled to designate one or more beneficiaries to receive all Special Retention Awards that have not yet vested at the time of death of the Participant. All beneficiary designations will be on beneficiary designation forms approved for the Plan. Copies of the form are available from the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com).

8. Beneficiary designations on an approved form will be effective at the time received by the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com). A Participant may revoke a beneficiary designation at any time by written notice to the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) or by filing a new designation form. Any designation form previously filed by a Participant will be automatically revoked and superseded by a later-filed form.

9. A Participant will be entitled to designate any number of beneficiaries on the form, and the beneficiaries may be natural or corporate persons.

10. The failure of any Participant to obtain any recommended signature on the form will not prohibit the Company from treating such designation as valid and effective. No beneficiary will acquire any beneficial or other interest in any Special Retention Award prior to the death of the Participant who designated such beneficiary.

11. Unless the Participant indicates on the form that a named beneficiary is to receive Special Retention Awards only upon the prior death of another named beneficiary, all beneficiaries designated on the form will be entitled to share equally in the Special Retention Awards upon vesting. Unless otherwise indicated, all such beneficiaries will have an equal, undivided interest in all such Special Retention Awards.

12. Should a beneficiary die after the Participant but before the Special Retention Award is paid, such beneficiary's rights and interest in the Special Retention Award will be transferable by the beneficiary's last will and testament or by the laws of descent and distribution. A named beneficiary who predeceases the Participant will obtain no rights or interest in a Special Retention Award, nor will any person claiming on behalf of such individual. Unless otherwise specifically indicated by the Participant on the beneficiary designation form, beneficiaries designated by class (such as "children," "grandchildren" etc.) will be deemed to refer to the members of the class living at the time of the Participant's death, and all members of the class will be deemed to take "per capita."

13. If a Participant does not designate a beneficiary or if the Company does not permit a beneficiary designation, the Special Retention Award that has not yet vested or been paid at the time of death of the Participant will vest and be paid to the Participant's legal heirs pursuant to the Participant's last will and testament or by the laws of descent and distribution.

## Adjustments

14. In the event of an Equity Restructuring, the Committee will equitably adjust the Special Retention Award as it deems appropriate to reflect the Equity Restructuring, which may include (i) adjusting the number and type of securities subject to the Special Retention Award; and (ii) adjusting the terms and conditions of the Special Retention Award. The adjustments provided under this paragraph 14 will be nondiscretionary and final and binding on all interested parties, including the affected Participant and the Company; provided that the Committee will determine whether an adjustment is equitable.

## Repayment/Forfeiture

15. Notwithstanding anything to the contrary herein, pursuant to Section 15(e) of the Plan the Committee has full power and authority, to the extent permitted by governing law, to determine that the Special Retention Award will be canceled or suspended at any time prior to a Change in Control: (i) if the Participant, without the consent of the Committee, while employed by the Company or a Subsidiary or after termination of such employment, becomes associated with, employed by, renders services to or owns any interest (other than an interest of up to 5% in a publicly traded company or any other nonsubstantial interest, as determined by the Committee) in any business that is in competition with the Company or any Subsidiary; (ii) in the event of the Participant's willful engagement in conduct which is injurious to the Company or any Subsidiary, monetarily or otherwise; (iii) in the event of an Executive Officer's misconduct described in Section 15(f) of the Plan; or (iv) in order to comply with applicable laws as described in Section 15(h) of the Plan.

Further, as an additional condition of receiving the Special Retention Award, the Participant agrees that the Special Retention Award and any benefits or proceeds the Participant may receive hereunder shall be subject to forfeiture and/or repayment to the Company to the extent required (i) under the terms of any recoupment or "clawback" policy adopted by the Company to comply with applicable laws or with the Company's Corporate Governance Guidelines or other similar requirements, as such policy may be amended from time to time (and such requirements shall be deemed incorporated into the Award Agreement without the Participant's consent) or (ii) to comply with any requirements imposed under applicable laws and/or the rules and regulations of the securities exchange or inter-dealer quotation system on which the Shares are listed or quoted, including, without limitation, pursuant to Section 954 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. Further, if the Participant receives any amount in excess of what the Participant should have received under the terms of the Special Retention Award for any reason (including without limitation by reason of a financial restatement, mistake in calculations or administrative error), all as determined by the Committee, then the Participant shall be required to promptly repay any such excess amount to the Company.

## Miscellaneous Provisions

16. *Stock Exchange Requirements; Applicable Laws.* Notwithstanding anything to the contrary in the Award Agreement, no Shares issuable upon vesting of the Special Retention Awards, and no certificate representing all or any part of such Shares, shall be issued or delivered if, in the opinion of counsel to the Company, such issuance or delivery would cause the Company to be in violation of, or to incur liability under, any securities law, or any rule, regulation or procedure of any U.S. national securities exchange upon which any securities of the Company are listed, or any listing agreement with any such securities exchange, or any other requirement of law or of any administrative or regulatory body having jurisdiction over the Company or a Subsidiary.

17. *Non-Transferability.* The Special Retention Award is non-transferable and may not be assigned, alienated, pledged, attached, sold or otherwise transferred or encumbered by the Participant other than by will or the laws of descent and distribution and any such purported assignment, alienation, pledge, attachment, sale, transfer or encumbrance shall be void and unenforceable against the Company; provided, that, the designation of a beneficiary shall not constitute an assignment, alienation, pledge, attachment, sale, transfer or encumbrance.

18. *Shareholder Rights.* No person or entity shall be entitled to vote, receive dividends or be deemed for any purpose the holder of any Shares until the Special Retention Award shall have vested and been paid in the form of Shares in accordance with the provisions of the Award Agreement.

19. *Notices.* Any notice required or permitted under the Award Agreement shall be in writing and shall be deemed sufficient when delivered personally or sent by confirmed email, telegram, or fax or five days after being deposited in the mail, as certified or registered mail, with postage prepaid, and addressed to the Company at the Company's principal corporate offices or to the Participant at the address maintained for the Participant in the Company's records or, in either case, as subsequently modified by written notice to the other party.

20. *Severability and Judicial Modification.* If any provision of the Award Agreement is held to be invalid or unenforceable under the applicable laws of any country, state, province, territory or other political subdivision or the Company elects not to enforce such restriction, the remaining provisions shall remain in full force and effect and the invalid or unenforceable provision shall be modified only to the extent necessary to render that provision valid and enforceable to the fullest extent permitted by law. If the invalid or unenforceable provision cannot be, or is not, modified, that provision shall be severed from the Award Agreement and all other provisions shall remain valid and enforceable.

21. *Successors.* The Award Agreement shall be binding upon and inure to the benefit of the Company and its successors and assigns, on the one hand, and the Participant and his or her heirs, beneficiaries, legatees and personal representatives, on the other hand.

22. *Appendices.* Notwithstanding any provisions in the Award Agreement, for Participants residing and/or working outside the United States, the Special Retention Award shall be subject to the additional terms and conditions set forth in Appendix A to the Award Agreement and to any special terms and conditions for the Participant's country set forth in Appendix B to the Award Agreement. Moreover, if the Participant relocates outside the United States or relocates between the countries included in Appendix B, the additional terms and conditions set forth in Appendix A and the special terms and conditions for such country set forth in Appendix B will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. The Appendices constitute part of the Award Agreement.

23. *Imposition of Other Requirements.* The Company reserves the right to impose other requirements on the Participant's participation in the Plan, on the Special Retention Award and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable for legal or administrative reasons, and to require the Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.

24. *Compliance with Code Section 409A.* It is intended that the Special Retention Award granted pursuant to the Award Agreement be compliant with Section 409A of the Code and the Award Agreement shall be interpreted, construed and operated to reflect this intent. Notwithstanding the foregoing, the Award Agreement and the Plan may be amended at any time, without the consent of any party, to the extent necessary or desirable to satisfy any of the requirements under Section 409A of the Code, but the Company shall not be under any obligation to make any such amendment. Further, the Company and its Subsidiaries do not make any representation to the Participant that the Special Retention Award granted pursuant to the Award Agreement satisfies the requirements of Section 409A of the Code, and the Company and its Subsidiaries will have no liability or other obligation to indemnify or hold harmless the Participant or any other party for any tax, additional tax, interest or penalties that the Participant or any other party may incur in the event that any provision of the Award Agreement or any amendment or modification thereof or any other action taken with respect thereto, is deemed to violate any of the requirements of Section 409A of the Code.

25. *Waiver.* A waiver by the Company of breach of any provision of the Award Agreement shall not operate or be construed as a waiver of any other provision of the Award Agreement, or of any subsequent breach by the Participant or any other Participant.

26. *No Advice Regarding Award.* The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of the underlying Shares. The Participant is hereby advised to consult with the Participant's own personal tax, legal and financial advisors regarding the Participant's participation in the Plan before taking any action related to the Plan.

27. *Governing Law and Venue.* As stated in the Plan, the Special Retention Award and the provisions of the Award Agreement and all determinations made and actions taken thereunder, to the extent not otherwise governed by the laws



of the United States, shall be governed by the laws of the State of New York, United States of America, without reference to principles of conflict of laws, and construed accordingly. The jurisdiction and venue for any disputes arising under, or any actions brought to enforce (or otherwise relating to), the Special Retention Award will be exclusively in the courts in the State of New York, County of New York, including the Federal Courts located therein (should Federal jurisdiction exist).

28. *Electronic Delivery and Acceptance.* The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.

29. *Entire Agreement.* The Award Agreement and the Plan embody the entire understanding and agreement of the parties with respect to the subject matter hereof, and no promise, condition, representation or warranty, express or implied, not stated or incorporated by reference herein, shall bind either party hereto.

#### **Acceptance of Award**

30. As permitted by Section 15(c) of the Plan, receipt of this Special Retention Award is subject to the Participant's acceptance of the Award and the terms of this Award Agreement and the Plan through Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) and/or through such other procedures as may be required by the Company (Participant's "Acceptance"). **To avoid forfeiture of the Award, the Participant must provide such Acceptance within 6 months of the grant date of the Award.** The date as of which the Participant's Special Retention Award shall be forfeited, if the Participant has not provided such Acceptance, will generally be set forth in the Participant's account at Merrill Lynch's OnLine<sup>®</sup> website. If the Participant does not provide Acceptance within this 6 month period, the Award will be cancelled in accordance with any administrative procedures adopted under the Plan.

**APPENDIX A  
TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Special Retention Award Agreement  
For Non-U.S. Participants**

This Appendix A contains additional (or, if so indicated, different) terms and conditions that govern the Special Retention Awards if the Participant resides and/or works outside of the United States. Capitalized terms used but not defined herein shall have the same meanings assigned to them in the Plan and the Global Special Retention Award Agreement (the "Award Agreement").

A. *Termination.* This provision supplements paragraph 3 of the Award Agreement.

The Company will determine when the Participant is no longer providing services for purposes of the Special Retention Awards (including whether the Participant may still be considered to be providing services while on a leave of absence).

B. *Responsibility for Taxes.* This provision replaces paragraph 6 of the Award Agreement (except if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended).

The Participant acknowledges that, regardless of any action taken by the Company or, if different, the Subsidiary that employs the Participant (the "Employer"), the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to the Participant's participation in the Plan and legally applicable to the Participant ("Tax-Related Items") is and remains the Participant's responsibility and may exceed the amount actually withheld by the Company or the Employer. The Participant further acknowledges that the Company and/or the Employer (a) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of these Special Retention Awards, including, but not limited to, the grant, vesting or settlement of Special Retention Awards, the subsequent sale of Shares acquired pursuant to the Special Retention Award and the receipt of any dividends or dividend equivalents; and (b) do not commit to and are under no obligation to structure the terms of the Special Retention Awards or any aspect of the Special Retention Awards to reduce or eliminate the Participant's liability for Tax-Related Items or achieve any particular tax result. The Participant shall not make any claim against the Company, the Employer or any other Subsidiary, or their respective board, officers or employees related to Tax-Related Items arising from this Award. Furthermore, if the Participant has become subject to tax in more than one jurisdiction, the Participant acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction.

Prior to any relevant taxable or tax withholding event, as applicable, the Participant will pay or make adequate arrangements satisfactory to the Company and/or the Employer to satisfy all Tax-Related Items. In this regard, the Participant authorizes the Company and/or the Employer, or their respective agents, at their discretion, to satisfy their withholding obligations with regard to all Tax-Related Items by: (i) requiring a cash payment from the Participant; (ii) withholding from the Participant's wages or other cash compensation paid to the Participant by the Company and/or the Employer, (iii) withholding from the proceeds of the sale of Shares acquired pursuant to the Special Retention Awards, either through a voluntary sale or through a mandatory sale arranged by the Company (on the Participant's behalf pursuant to this authorization without further consent); and/or (iv) withholding from the Shares subject to Special Retention Awards.

Depending on the withholding method, the Company may withhold or account for Tax-Related Items by considering applicable minimum statutory withholding rates or other applicable withholding rates, including maximum applicable rates, in which case the Participant may receive a refund of any over-withheld amount in cash (with no entitlement to the Share equivalent) or, if not refunded, the Participant may seek a refund from the local tax authorities. If the obligation for Tax-Related Items is satisfied by withholding in Shares, the Participant is deemed, for tax purposes, to have been issued the full number of Shares subject to the vested Special Retention Awards, notwithstanding that a number of the Shares is held back solely for the purpose of paying the Tax-Related Items.

Finally, the Participant shall pay to the Company and/or the Employer any amount of Tax-Related Items that the Company and/or the Employer may be required to withhold or account for as a result of the Participant's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares if the Participant fails to comply with his or her obligations in connection with the Tax-Related Items.

C. *Nature of Award.* In accepting the Special Retention Awards, the Participant acknowledges, understands and agrees that:

- a. the Plan is established voluntarily by the Company, is discretionary in nature and may be modified, amended, suspended, or terminated by the Company at any time, to the extent permitted by the Plan;
- b. this Special Retention Award is exceptional, voluntary and occasional and does not create any contractual or other right to receive future Special Retention Awards, or benefits in lieu of Special Retention Awards, even if Special Retention Awards have been granted in the past;
- c. all decisions with respect to future Special Retention Awards or other Awards, if any, will be at the sole discretion of the Company;
- d. this Special Retention Award and the Participant's participation in the Plan shall not create a right to, or be interpreted as forming an employment or service contract with the Company and shall not interfere with the ability of the Employer to terminate the Participant's employment contract (if any) at any time;
- e. the Participant's participation in the Plan is voluntary;
- f. this Special Retention Award and the Shares acquired under the Plan, and the income from and value of same, are not intended to replace any pension rights or compensation;
- g. this Special Retention Award and the Shares acquired under the Plan, and the income from and value of same, are not part of normal or expected compensation or salary for any purposes, including, without limitation, calculating any severance, resignation, termination, redundancy, dismissal, end-of-service payments, bonuses, long-service awards, pension or retirement or welfare benefits or similar payments;
- h. the future value of the Shares subject to the Special Retention Award is unknown, indeterminable and cannot be predicted with certainty;
- i. unless otherwise agreed with the Company, Special Retention Awards and the Shares acquired under the Plan, and the income from and value of same, are not granted as consideration for, or in connection with, the service the Participant may provide as a director of any Subsidiary;
- j. no claim or entitlement to compensation or damages shall arise from forfeiture of any portion of this Special Retention Award resulting from termination of the Participant's employment and/or service relationship (for any reason whatsoever and regardless of whether later found to be invalid or in breach of applicable laws in the jurisdiction where the Participant is employed or the terms of the Participant's employment agreement, if any);
- k. unless otherwise provided in the Plan or by the Company in its discretion, this Special Retention Award and the benefits under the Plan evidenced by the Award Agreement do not create any entitlement to have this Special Retention Award or any such benefits transferred to, or assumed by, another company nor to be exchanged, cashed out or substituted for, in connection with any corporate transaction affecting the Shares; and
- l. neither the Company, the Employer nor any other Subsidiary shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Special Retention Awards or of any amounts due to the Participant pursuant to the Special Retention Awards or the subsequent sale of any Shares acquired under the Plan.

**D. Data Privacy.** *The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Participant's personal data as described in the Award Agreement and any other grant materials by and among, as applicable, the Company, the Employer and any other Subsidiary for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan.*

*The Participant understands that the Company and the Employer may hold certain personal information about the Participant, including, but not limited to, the Participant's name, home address and telephone number, email address, date of birth, social insurance number, passport or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all Special Retention Awards or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan.*

*The Participant understands that Data may be transferred to Merrill Lynch, which is assisting the Company with the implementation, administration and management of the Plan. The Participant understands that the recipients of Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Participant's country. The Participant understands that the Participant may request a list with the names and addresses of any potential recipients of Data by contacting the Participant's local human resources representative. The Participant authorizes the Company, Merrill Lynch and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Participant's participation in the Plan. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan. The Participant understands that the Participant may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing the Participant's local human resources representative. Further, the Participant understands that the Participant is providing the consents herein on a purely voluntary basis. If the Participant does not consent, or if the Participant later seeks to revoke the Participant's consent, the Participant's employment and career with the Employer will not be affected; the only consequence of refusing or withdrawing the Participant's consent is that the Company would not be able to grant this Special Retention Award or other Awards to the Participant or administer or maintain such Awards. Therefore, the Participant understands that refusing or withdrawing the Participant's consent may affect the Participant's ability to participate in the Plan. For more information on the consequences of the Participant's refusal to consent or withdrawal of consent, the Participant understands that the Participant may contact the Participant's local human resources representative.*

*Finally, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form (or any other agreements or consents) that the Company and/or the Employer may deem necessary to obtain from the Participant for the purpose of administering the Participant's participation in the Plan in compliance with the data privacy laws in the Participant's country, either now or in the future. The Participant understands and agrees that he or she will not be able to participate in the Plan if the Participant fails to provide such consent or agreement as requested by the Company and/or the Employer.*

**E. Language.** *The Participant acknowledges that he or she is sufficiently proficient in English to understand the terms and conditions of the Award Agreement. Furthermore, if the Participant has received the Award Agreement, or any other document related to this Special Retention Award and/or the Plan translated into a language other than English and if the meaning of the translated version is different than the English version, the English version will control.*

**F. Insider Trading Restrictions/Market Abuse Laws.** *The Participant acknowledges that, depending on his or her country, the broker's country, or the country in which the Shares are listed, the Participant may be subject to insider trading restrictions and/or market abuse laws in applicable jurisdictions, which may affect his or her ability to accept, acquire, sell, or attempt to sell or otherwise dispose of Shares or rights to Shares (e.g., Special Retention Awards) or rights linked to the value of Shares, during such times as the Participant is considered to have "inside information" regarding the Company (as defined by applicable laws or regulations in the applicable jurisdictions,*

including the United States and the Participant's country). Local insider trading laws and regulations may prohibit the cancellation or amendment of orders the Participant placed before possessing inside information. Furthermore, the Participant may be prohibited from (i) disclosing the inside information to any third party, including fellow employees (other than on a "need to know" basis) and (ii) "tipping" third parties or causing them to otherwise buy or sell securities. Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should consult his or her personal advisor on this matter.

*G. Foreign Asset/Account Reporting Requirements, Exchange Controls and Tax Requirements.* The Participant acknowledges that his or her country may have certain foreign asset and/or account reporting requirements and exchange controls which may affect his or her ability to acquire or hold Shares under the Plan or cash received from participating in the Plan (including from any dividends received or sale proceeds arising from the sale of Shares) in a brokerage or bank account outside his or her country. The Participant understands that he or she may be required to report such accounts, assets or transactions to the tax or other authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of the Participant's participation in the Plan to his or her country through a designated bank or broker and/or within a certain time after receipt. The Participant acknowledges that it is his or her responsibility to be compliant with all such requirements, and that the Participant should consult his or her personal legal and tax advisors, as applicable, to ensure the Participant's compliance.

**APPENDIX B  
TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Special Retention Award Agreement  
For Non-U.S. Participants**

Capitalized terms used but not defined in this Appendix B have the meanings set forth in the Plan and the Global Special Retention Award Agreement (the “Award Agreement”).

***Terms and Conditions***

This Appendix B includes special terms and conditions that govern Special Retention Awards if the Participant resides and/or works in one of the countries listed below.

If the Participant is a citizen or resident of a country other than the country in which the Participant is currently residing and/or working, or if the Participant transfers to another country after the grant of Special Retention Awards or is considered a resident of another country for local law purposes, the Committee shall, in its discretion, determine to what extent the special terms and conditions contained herein shall be applicable to the Participant.

***Notifications***

This Appendix B also includes information regarding exchange controls, tax and certain other issues of which the Participant should be aware with respect to participation in the Plan. The information is based on the securities, exchange control, tax and other laws in effect in the respective countries as of December 2017. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information in this Appendix B as the only source of information relating to the consequences of participation in the Plan because the information may be out of date at the time the Participant sells Shares acquired under the Plan.

In addition, the information contained herein is general in nature and may not apply to the Participant’s particular situation and the Company is not in a position to assure the Participant of any particular result. Accordingly, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant’s country may apply to his or her situation.

Finally, if the Participant is a citizen or resident of a country other than the country in which the Participant currently works and/or resides, or if the Participant transfers to another country after the grant of the Special Retention Award, or is considered a resident of another country for local law purposes, the information contained herein may not be applicable to the Participant in the same manner.

**Australia**

***Terms and Conditions***

Australia Offer Document.

The grant of Special Retention Awards is intended to comply with the provisions of the Corporations Act, 2001, Australian Securities & Investments Commission (“ASIC”) Regulatory Guide 49 and ASIC Class Order 14/1000. Additional details are set forth in the Offer Document for Australian resident employees, which is being provided to the Participant with the Award Agreement.

***Notifications***

Exchange Control Information.

Exchange control reporting is required for cash transactions exceeding A\$10,000 and for international fund transfers. If an Australian bank is assisting with the transaction, the bank will file the report on the Participant's behalf.

#### Tax Information.

The Plan is a plan to which Subdivision 83A-C of the Income Tax Assessment Act 1997 (Cth) applies (subject to conditions in the Act).

#### **Austria**

##### ***Notifications***

#### Exchange Control Information.

If the Participant holds Shares obtained through the Plan outside of Austria, the Participant must submit a report to the Austrian National Bank. An exemption applies if the value of the Shares as of any given quarter does not meet or exceed €30,000,000 or as of December 31 does not meet or exceed €5,000,000. If the former threshold is exceeded, quarterly obligations are imposed, whereas if the latter threshold is exceeded, annual reports must be given. If quarterly reporting is required, the reports must be filed by the fifteenth day of the month following the last day of the respective quarter. The annual reporting date is December 31 and the deadline for filing the annual report is January 31 of the following year.

When Shares are sold or cash dividends or dividend equivalent payments are received, there may be exchange control obligations if the cash received is held outside Austria. If the transaction volume of all the Participant's accounts abroad meets or exceeds €10,000,000, the movements and balances of all accounts must be reported monthly, as of the last day of the month, on or before the fifteenth of the following month.

#### **Belgium**

##### ***Notifications***

#### Foreign Asset/Account Reporting Information.

If the Participant is a Belgian resident, the Participant is required to report any bank accounts opened and maintained outside of Belgium (*e.g.*, brokerage accounts opened in connection with the Plan) on his or her annual tax return. In a separate report, the Participant is required to provide the National Bank of Belgium with certain details regarding such foreign accounts (including the account number, bank name and country in which any such account was opened). This report, as well as additional information on how to complete it, can be found on the website of the National Bank of Belgium, [www.nbb.be](http://www.nbb.be), under *Kredietcentrales / Centrales des crédits* caption. The Participant should consult with his or her personal tax advisor to determine his or her personal reporting obligations.

#### Stock Exchange Tax.

From January 1, 2017, a stock exchange tax applies to transactions executed through a non-Belgian financial intermediary. The stock exchange tax likely will apply when the Shares are sold. The Participant should consult with his or her personal tax advisor to determine his or her obligations with respect to the stock exchange tax.

#### **Brazil**

##### ***Terms and Conditions***

#### Compliance with Law.

By accepting the Special Retention Award, the Participant acknowledges that he or she agrees to comply with applicable Brazilian laws and to pay any and all applicable taxes associated with the vesting of Special Retention Awards, the sale of the Shares acquired under the Plan and the receipt of any dividends.

Acknowledgement of Nature of the Grant. This provision supplements paragraph C “Nature of Award” of Appendix A.

By accepting the Special Retention Awards, the Participant agrees that he or she is making an investment decision, the Shares will be issued to the Participant only if the vesting conditions are met and any necessary services are rendered by the Participant over the vesting period, and the value of the underlying Shares is not fixed and may increase or decrease in value over the vesting period without compensation to the Participant.

### **Notifications**

Exchange Control Information.

If the Participant is a resident of or domiciled in Brazil, he or she will be required to submit an annual declaration of assets and rights held outside of Brazil to the Central Bank of Brazil if the aggregate value of the assets and rights is equal to or greater than US\$100,000. If such amount exceeds US\$100,000,000, the declaration must be submitted quarterly. Assets and rights that must be reported include Shares acquired under the Plan.

Tax on Financial Transactions (IOF).

Repatriation of funds (*e.g.*, sale proceeds) into Brazil and the conversion of USD into BRL associated with such fund transfers may be subject to the Tax on Financial Transactions. It is the Participant’s responsibility to comply with any applicable Tax on Financial Transactions arising from the Participant’s participation in the Plan. The Participant should consult with his or her personal tax advisor for additional details.

### **Canada**

#### ***Terms and Conditions***

Award Settled Only in Shares.

Notwithstanding any discretion in the Plan, the Special Retention Award shall be settled in Shares only. The Participant is not entitled to receive a cash payment pursuant to the Award.

Termination of Service. The following provision replaces paragraph A “Termination” of Appendix A.

For purposes of the Special Retention Award, the Participant’s employment relationship will be considered terminated (regardless of the reason for such termination and whether or not later found to be invalid or in breach of Canadian laws or the terms of the Participant’s employment agreement, if any) effective as of the date that is the earlier of (i) the date of the Participant’s termination, (ii) the date the Participant receives notice of termination, or (iii) the date the Participant is no longer actively providing service and will not be extended by any notice period (*e.g.*, active service would not include any contractual notice period or any period of “garden leave” or similar period mandated under Canadian laws or the terms of the Participant’s employment agreement, if any). Unless otherwise expressly provided in the Award Agreement or determined by the Company, the Participant’s right to vest in the Special Retention Awards, if any, will terminate on such date. The Committee shall have the exclusive discretion to determine when the Participant is no longer actively providing service for purposes of the Special Retention Award (including whether the Participant may still be considered to be providing services while on a leave of absence).

*The Following Provisions Apply for Participants Resident in Quebec:*



### Consent to Receive Information in English.

The Participant acknowledges that it is the express wish of the parties that the Award Agreement, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be written in English.

*Les parties reconnaissent avoir exigé la rédaction en anglais de Conditions d'attribution, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou intentés en vertu de, ou liés directement ou indirectement à, la présente convention.*

Authorization to Release and Transfer Necessary Personal Information. The following provision supplements paragraph D “Data Privacy” of Appendix A.

The Participant hereby authorizes the Company and the Company’s representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company, any Subsidiary and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any Subsidiary to record such information and to keep such information in the Participant’s Employee file.

### **Notifications**

#### Securities Law Information.

The Participant acknowledges that he or she is permitted to sell the Shares acquired under the Plan through the designated broker appointed by the Company, provided the sale of the Shares takes place outside of Canada through facilities of a stock exchange on which the Shares are listed (*i.e.*, the NYSE).

#### Foreign Asset/Account Reporting Information.

Canadian residents are required to report to the tax authorities certain foreign property (including the Special Retention Awards) on form T1135 (Foreign Income Verification Statement) if the total cost of the foreign property exceeds C\$100,000 at any time in the year. The form must be filed by April 30 of the following year. Special Retention Awards must be reported—generally at a nil cost—if the C\$100,000 cost threshold is exceeded because of other foreign property the Participant holds. If Shares are acquired, their cost generally is the adjusted cost base (“ACB”) of the Shares. The ACB would normally equal the fair market value of the Shares at vesting, but if the Participant owns other Shares, this ACB may have to be averaged with the ACB of the other Shares. The Participant should consult with his or her personal legal advisor to ensure compliance with applicable reporting obligations.

### **China**

#### **Terms and Conditions**

*The following terms and conditions will apply to Participants who are subject to exchange control restrictions and regulations in the People’s Republic of China (“the PRC”), including the requirements imposed by the State Administration of Foreign Exchange (“SAFE”), as determined by the Company in its sole discretion:*

#### Termination of Employment.

Due to exchange control laws in the PRC, the Participant agrees that the Company reserves the right to require the sale of any Shares acquired at vesting of the Special Retention Awards upon the termination of the Participant’s employment for any reason. If the Company, in its discretion, does not exercise its right to require the automatic sale of Shares issuable upon vesting of the Special Retention Awards, as described in the preceding sentence, the Participant understands and agrees that any Shares acquired by the Participant under the Plan must be sold no later than six (6) months after termination of the Participant’s employment, or within any other such time frame as

permitted by the Company or required by SAFE. The Participant understands that any Shares acquired under the Plan that have not been sold within six (6) months of the Participant's termination of employment will be automatically sold by a designated broker at the Company's discretion, pursuant to this authorization by the Participant.

The Participant agrees that the Company is authorized to instruct its designated broker to assist with the mandatory sale of such Shares (on the Participant's behalf, pursuant to this authorization) and the Participant expressly authorizes the Company's designated broker to complete the sale of such Shares. The Participant also agrees to sign any agreements, forms, and/or consents that may be reasonably requested by the Company (or the designated broker) to effectuate the sale of the Shares (including, without limitation, as to the transfers of the proceeds and other exchange control matters noted below) and shall otherwise cooperate with the Company with respect to such matters, provided that the Participant shall not be permitted to exercise any influence over how, when or whether the sales occur. The Participant acknowledges that the Company's designated broker is under no obligation to arrange for the sale of the Shares at any particular price. Due to fluctuations in the Share price and/or applicable exchange rates between vesting and (if later) the date on which the Shares are sold, the amount of proceeds ultimately distributed to the Participant may be more or less than the market value of the Shares upon vesting (which is the amount relevant to determining the Participant's liability for Tax-Related Items). The Participant understands and agrees that the Company is not responsible for the amount of any loss the Participant may incur and the Company assumes no liability for any fluctuations in the Share price and/or any applicable exchange rate.

Upon the sale of the Shares, the Company agrees to pay the cash proceeds from the sale (less any Tax-Related Items, brokerage fees and commissions) to the Participant in accordance with the applicable exchange control laws and regulations, including but not limited to the restrictions set forth in this Appendix B for China below under "Exchange Control Restrictions."

#### Exchange Control Restrictions.

The Participant understands and agrees that, pursuant to local exchange control requirements, the Participant will be required to immediately repatriate any cash payments or proceeds obtained with respect to participation in the Plan to the PRC. The Participant further understands that such repatriation of any cash payments or proceeds may need to be effectuated through a special exchange control account established by the Company or any Subsidiary, and the Participant hereby consents and agrees that any payment or proceeds may be transferred to such special account prior to being delivered to the Participant.

Any payment or proceeds may be paid to the Participant in U.S. dollars or local currency at the Company's discretion. If the payments or proceeds are paid to the Participant in U.S. dollars, the Participant will be required to set up a U.S. dollar bank account in the PRC (if the Participant does not already have one) so that the payments or proceeds may be deposited into this account. If the payments or proceeds are paid to the Participant in local currency, the Company is under no obligation to secure any particular currency exchange rate and the Company may face delays in converting the payments or proceeds to local currency due to exchange control restrictions. The Participant agrees to bear any currency exchange rate fluctuation risk between the time the cash proceeds are received and the time the cash proceeds are distributed to the Participant through the special account described above.

The Participant further agrees to comply with any other requirements that may be imposed by the Company in the future to facilitate compliance with exchange control requirements in the PRC.

#### ***Notifications***

#### Exchange Control Information.

PRC residents may be required to report to SAFE all details of their foreign financial assets and liabilities, as well as details of any economic transactions conducted with non-PRC residents.

## France

### *Terms and Conditions*

#### Language Consent.

By accepting the grant of Special Retention Awards and the Award Agreement, which provides for the terms and conditions of your Special Retention Awards, the Participant confirms having read and understood the documents relating to this Award (the Plan and the Award Agreement, including this Appendix) which were provided to the Participant in English. The Participant accepts the terms of those documents accordingly.

*En acceptant l'Attribution d'Actions Attribuées et ce Contrat d'Attribution qui contient les termes et conditions des Actions Attribuées, le Participant confirme avoir lu et compris les documents relatifs à cette attribution (le Plan et le Contrat d'Attribution, ainsi que les Annexes) qui ont été transmis au Participant en langue anglaise. Le Participant accepte ainsi les conditions et termes de ces documents.*

### *Notifications*

#### Tax Information.

The Special Retention Awards are not intended to be French tax-qualified awards.

#### Foreign Asset/Account Reporting Information.

French residents are required to report all foreign accounts (whether open, current or closed) to the French tax authorities when filing their annual tax returns. The Participant should consult with his or her personal advisor to ensure compliance with applicable reporting obligations.

## Germany

### *Notifications*

#### Exchange Control Information.

If the Participant receives cross-border payments in excess of €12,500 in connection with the sale of securities (including Shares acquired under the Plan) or the receipt of any dividends or dividend equivalent payments, such payment must be reported monthly to the German Federal Bank (*Bundesbank*). The Participant is responsible for the reporting obligation and should file the report electronically by the fifth day of the month following the month in which the payment is made. A copy of the report ("*Allgemeines Meldeportal Statistik*") can be accessed via Bundesbank's website ([www.bundesbank.de](http://www.bundesbank.de)) and is available in both German and English.

## Hungary

There are no country-specific provisions.

## India

### *Notifications*

#### Exchange Control Information.

Indian residents are required to repatriate to India all proceeds received from the sale of Shares within 90 days of receipt and any dividends or dividend equivalent payments within 180 days of receipt, or within such other period of time as may be required under applicable regulations. The Participant must maintain the foreign inward remittance

certificate received from the bank where the foreign currency is deposited in the event that the Reserve Bank of India or the Company requests proof of repatriation. It is the Participant's responsibility to comply with applicable exchange control laws in India.

Foreign Asset/Account Reporting Information.

The Participant is required to declare any foreign bank accounts and any foreign financial assets (including Shares held outside India) in the Participant's annual tax return. The Participant is responsible for complying with this reporting obligation and should confer with his or her personal tax advisor in this regard.

**Japan**

*Notifications*

Foreign Asset/Account Reporting Information.

The Participant will be required to report details of any assets held outside of Japan as of December 31 (including any Shares acquired under the Plan) to the extent such assets have a total net fair market value exceeding ¥50,000,000. Such report will be due by March 15 of the following year. The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies to the Participant and whether the Participant will be required to report details of any outstanding Special Retention Awards, Shares or cash held by the Participant in the report.

**Korea**

*Notifications*

Exchange Control Information.

Exchange control laws require Korean residents who realized US\$500,000 or more from the sale of Shares or the receipt of dividends in a single transaction before July 18, 2017 to repatriate the proceeds back to Korea within three years of the sale/receipt.

Foreign Asset/Account Reporting Information.

If the Participant is a Korean resident, the Participant must declare all of his or her foreign financial accounts (including any brokerage account) to the Korean tax authority and file a report with respect to such accounts if the value of such accounts exceeds KRW 1 billion (or an equivalent amount in foreign currency). The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies.

**Mexico**

*Terms and Conditions*

Policy Statement.

The Special Retention Award is a unilateral and discretionary award and, therefore, the Company reserves the absolute right to amend it and discontinue it at any time without any liability.

The Company, with offices at 390 Park Avenue, New York City, New York, 10022 U.S.A., is solely responsible for the administration of the Plan, and participation in the Plan and the Award of the Special Retention Award does not, in any way, establish an employment relationship between the Participant and the Company since the Participant is

participating in the Plan on a wholly commercial basis and the sole employer is a Mexican Subsidiary, nor does it establish any rights between the Participant and the Employer.

#### Plan Document Acknowledgment.

By accepting the Special Retention Awards, the Participant acknowledges that he or she has received copies of the Plan, has reviewed the Plan and the Award Agreement in their entirety, and fully understands and accepts all provisions of the Plan and the Award Agreement, including the Appendices.

In addition, the Participant expressly approves that: (i) participation in the Plan does not constitute an acquired right; (ii) the Plan and participation in the Plan is offered by the Company on a wholly discretionary basis; (iii) participation in the Plan is voluntary; and (iv) neither the Company nor any Subsidiary is responsible for any decrease in the value of the Shares acquired upon vesting of the Special Retention Awards.

Finally, the Participant hereby declares that he or she does not reserve any action or right to bring any claim against the Company for any compensation or damages as a result of his or her participation in the Plan and therefore grant a full and broad release to the Employer, the Company and its other Subsidiaries with respect to any claim that may arise under the Plan.

#### Spanish Translation

##### Declaración de Política.

*El Otorgamiento de Unidades de Acciones Restringidas es un otorgamiento unilateral y discrecional y, por lo tanto, la Compañía se reserva el derecho absoluto de modificar y discontinuar el Plan en cualquier tiempo, sin responsabilidad alguna.*

*La Compañía, con oficinas registradas ubicadas en 390 Park Avenue, New York, New York 10022 U.S.A., es únicamente responsable de la administración del Plan, y la participación en el Plan y el Otorgamiento de Unidades de Acciones Restringidas no establecen, de forma alguna, una relación de trabajo entre el Participante y la Compañía, ya que el Participante está participando en el Plan sobre una base comercial y el único patrón es una Afiliada Mexicana y tampoco establece ningún derecho entre usted y el Patrón.*

##### Reconocimiento del Documento del Plan.

*Al aceptar el Otorgamiento de las Unidades de Acciones Restringidas, el Participante reconoce que ha recibido copias del Plan, ha revisado el Plan y los Términos del Otorgamiento en su totalidad y que entiende y acepta completamente todas las disposiciones contenidas en el Plan y en los Términos del Otorgamiento, incluyendo los Apéndices.*

*Adicionalmente, el Participante aprueba expresamente que (i) la participación en el Plan no constituye un derecho adquirido; (ii) el Plan y la participación en el Plan se ofrecen por la Compañía de forma enteramente discrecional; (iii) la participación en el Plan es voluntaria; y (iv) la Compañía, cualquier Filial y el Patrón no son responsables por cualquier disminución en el valor de las Acciones adquiridas al momento de tener derecho en relación con las Unidades de Acciones Restringidas.*

*Finalmente, el Participante declara que no se reserva ninguna acción o derecho para interponer una reclamación o demanda en contra de la Compañía por compensación, daño o perjuicio alguno como resultado de su participación en el Plan y, por lo tanto, otorga el más amplio y total finiquito al Patrón, la Compañía y sus Filiales en relación con cualquier reclamación demanda que pudiera surgir de conformidad con el Plan.*

#### **Netherlands**

There are no country-specific provisions.

## **Russia**

### ***Terms and Conditions***

#### U.S. Transaction.

The Participant understands that the grant of the Special Retention Award is a right to receive Shares if certain conditions are met and that the offer is made by the Company in the United States. Upon vesting of the Special Retention Award, any Shares to be issued to the Participant shall be delivered to the Participant through a brokerage account in the United States.

#### *Notifications*

#### Exchange Control Information.

Under current exchange control regulations, within a reasonably short time after the sale of Shares acquired upon vesting of the Special Retention Award or the receipt of dividend equivalent payments, the Participant is required to repatriate such funds received in connection with the Plan to the Participant's bank account in Russia prior to using those proceeds for any purpose including reinvestments. Such proceeds must be initially credited to the Participant through a foreign currency account at an authorized bank in Russia. After the proceeds are initially received in Russia, they may be further remitted to foreign banks in accordance with Russian exchange control laws. The Participant is strongly encouraged to contact the Participant's personal advisor to confirm the applicable Russian exchange control rules because significant penalties may apply in the case of non-compliance and because exchange control requirements may change.

#### Securities Law Information.

The Participant is not permitted to sell Shares directly to other Russian legal entities or residents.

The grant of the Special Retention Awards and the distribution of the Plan and all other materials the Participant may receive regarding participation in the Plan do not constitute an offering or the advertising of securities in Russia. The issuance of Shares pursuant to the Plan has not and will not be registered in Russia and, therefore, the Shares may not be used for an offering or public circulation in Russia. In no event will Shares be delivered to the Participant in Russia; all Shares acquired under the Plan will be maintained on the Participant's behalf in the United States.

#### Data Privacy Acknowledgement.

The Participant hereby acknowledges that he or she has read and understands the terms regarding collection, processing and transfer of Data contained in Appendix A to the Award Agreement and by participating in the Plan, the Participant agrees to such terms. In this regard, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form to the Company or the Employer (or any other agreements or consents that may be required by the Company or the Employer) that the Company and/or the Employer may deem necessary to obtain under the data privacy laws of Russia, either now or in the future.

#### Labor Law Information.

If the Participant continues to hold Shares after involuntary termination, the Participant may not be eligible to receive unemployment benefits in Russia.

#### Anti-Corruption Legislation Information.

Individuals holding public office in Russia, as well as their spouses and dependent children, may be prohibited from opening or maintaining a foreign brokerage or bank account and holding any securities, whether acquired directly or

indirectly, in a foreign company (including Shares acquired under the Plan). The Participant is strongly advised to consult with his or her personal legal advisor to determine whether the restriction applies to the Participant.

## **Spain**

### ***Terms and Conditions***

No Entitlement for Claims or Compensation. The following provisions supplement paragraph A “Termination” of Appendix A.

By accepting the Special Retention Award, the Participant consents to participation in the Plan and acknowledges that Participant has received a copy of the Plan.

The Participant understands and agrees that, as a condition of the grant of the Special Retention Award, if the Participant’s employment terminates, unless otherwise provided in the Award Agreement or by the Company, any unvested Special Retention Awards shall be forfeited without entitlement to the underlying Shares or to any amount as indemnification in the event of a termination, including, but not limited to: resignation, disciplinary dismissal adjudged to be with cause, disciplinary dismissal adjudged or recognized to be without cause, individual or collective layoff on objective grounds, whether adjudged to be with cause or adjudged or recognized to be without cause, material modification of the terms of employment under Article 41 of the Workers’ Statute, relocation under Article 40 of the Workers’ Statute, Article 50 of the Workers’ Statute, unilateral withdrawal by the Employer, and under Article 10.3 of Royal Decree 1382/1985.

The Participant understands that the Company has unilaterally, gratuitously and in its sole discretion decided to grant Special Retention Awards under the Plan to individuals who may be Employees of the Company or a Subsidiary. The decision is limited and entered into based upon the express assumption and condition that any Special Retention Awards will not economically or otherwise bind the Company or any Subsidiary, including the Employer, on an ongoing basis, other than as expressly set forth in the Award Agreement. Consequently, the Participant understands that the Special Retention Awards are granted on the assumption and condition that the Special Retention Awards shall not become part of any employment or service agreement (whether with the Company or any Subsidiary, including the Employer) and shall not be considered a mandatory benefit, salary for any purpose (including severance compensation) or any other right whatsoever. Furthermore, the Participant understands and freely accepts that there is no guarantee that any benefit whatsoever shall arise from the grant of Special Retention Awards, which is gratuitous and discretionary, since the future value of the Special Retention Awards and the underlying Shares is unknown and unpredictable. The Participant also understands that the grant of Special Retention Awards would not be made but for the assumptions and conditions set forth hereinabove; thus, the Participant understands, acknowledges and freely accepts that, should any or all of the assumptions be mistaken or any of the conditions not be met for any reason, the Special Retention Award and any right to the underlying Shares shall be null and void.

### ***Notifications***

#### Securities Law Information.

No “offer of securities to the public”, as defined under Spanish law, has taken place or will take place in the Spanish territory with respect to the Special Retention Award. No public offering prospectus has been nor will be registered with the Comisión Nacional del Mercado de Valores (Spanish Securities Exchange Commission) (“CNMV”). Neither the Plan nor the Award Agreement constitute a public offering prospectus and they have not been, nor will they be, registered with the CNMV.

#### Exchange Control Information.

It is the Participant’s responsibility to comply with exchange control regulations in Spain. The Participant must declare the acquisition of Shares for statistical purposes to the Spanish Dirección General de Comercio e Inversiones (the “DGCI”) of the Ministry of Economy and Competitiveness. In addition, the Participant must also file a

Form D-6 with the Directorate of Foreign Transaction each January in which the Shares are owned. The sale of Shares also must be declared on Form D-6 filed with the DGCI in January, unless the sale proceeds exceed the applicable threshold (currently €1,502,530), in which case, the filing is due within one month after the sale.

#### Foreign Asset/Account Reporting Information.

The Participant is required to declare electronically to the Bank of Spain any securities accounts (including brokerage accounts held abroad), as well as the Shares held in such accounts if the value of the transactions during the prior tax year or the balances in such accounts as of December 31 of the prior tax year exceed €1,000,000.

Further, to the extent that the Participant holds Shares and/or has bank accounts outside Spain with a value in excess of €50,000 (for each type of asset) as of December 31, the Participant will be required to report information on such assets on his or her tax return (tax form 720) for such year. After such Shares and/or accounts are initially reported, the reporting obligation will apply for subsequent years only if the value of any previously-reported Shares or accounts increases by more than €20,000 or if the Participant sells or otherwise disposes of any previously-reported Shares or accounts.

#### **Switzerland**

##### ***Notifications***

#### Securities Law Information.

The grant of the Special Retention Award under the Plan is considered a private offering in Switzerland and is, therefore, not subject to registration in Switzerland. Neither this document nor any other material related to the Special Retention Award constitutes a prospectus as such term is understood pursuant to Article 652a of the Swiss Code of Obligations, and neither this document nor any other materials related to the Special Retention Award may be publicly distributed or otherwise made publicly available in Switzerland. Neither this document nor any other offering or marketing materials relating to the Special Retention Awards have been or will be filed with, approved or supervised by any Swiss regulatory authority (in particular, the Swiss Financial Market Supervisory Authority (FINMA)).

#### **United Kingdom**

##### ***Terms and Conditions***

Responsibility for Taxes. The following supplements paragraph B “Responsibility for Taxes” of Appendix A:

Without limitation to paragraph B “Responsibility for Taxes” of Appendix A, the Participant agrees that the Participant is liable for all Tax-Related Items and hereby covenants to pay all such Tax-Related Items as and when requested by the Company or the Employer or by Her Majesty’s Revenue & Customs (“HMRC”) (or any other tax authority or any other relevant authority). The Participant also agrees to indemnify and keep indemnified the Company and the Employer against any Tax-Related Items that they are required to pay or withhold or have paid or will have to pay to HMRC (or any other tax authority or any other relevant authority) on the Participant’s behalf.

Notwithstanding the foregoing, if the Participant is a Director or executive officer of the Company (within the meaning of Section 13(k) of the U.S. Securities Exchange Act of 1934), the Participant may not be able to indemnify the Company or the Employer for the amount of any income tax not collected from or paid by the Participant, as it may be considered a loan. In this case, the amount of any uncollected income tax may constitute a benefit to the Participant on which additional income tax and employee National Insurance contributions (“NICs”) may be payable. The Participant agrees to report and pay any income tax due on this additional benefit directly to HMRC under the self-assessment regime and to pay the Employer for the value of the employee NICs due on this additional benefit, which the Company or the Employer may recover from the Participant by any of the means referred to in the Award Agreement, including the Appendices.



**ARCONIC INC.**  
**SPECIAL RETENTION AWARD AGREEMENT**  
**PAUL MYRON**  
**Grant Date: May 16, 2018**

The terms and conditions of this Global Special Retention Award Agreement, including Appendices A and B attached hereto, (the "Award Agreement") are authorized by the Compensation and Benefits Committee of the Board of Directors. The special retention award ("Special Retention Award") is granted to the Participant under the 2013 Arconic Stock Incentive Plan, as amended and restated and as may be further amended from time to time (the "Plan").

Terms that are defined in the Plan have the same meanings in the Award Agreement.

**NOTE: To avoid cancellation of the Special Retention Award, the Participant must affirmatively accept the Award and the terms of this Award Agreement within 6 months of the grant date, as set forth in paragraph 30 of the Award Agreement.**

*General Terms and Conditions*

1. The Special Retention Awards are subject to the provisions of the Plan and the provisions of the Award Agreement. If the Plan and the Award Agreement are inconsistent, the provisions of the Plan will govern. Interpretations of the Plan and the Award Agreement by the Committee are binding on the Participant and the Company. A Special Retention Award is an undertaking by the Company to issue the number of Shares indicated in the notice of the Special Retention Award on the date the Special Retention Award vests, subject to the fulfillment of certain conditions, except to the extent otherwise provided in the Plan or herein.

*Vesting and Payment*

2. The Special Retention Award vests on the third anniversary date of the grant date, and will be paid to the Participant in Shares on the vesting date or within 90 days thereafter.

3. As a condition to a Special Retention Award vesting, a Participant must remain an active employee of the Company or a Subsidiary through the date of vesting. Except as provided in paragraph 5, if a Participant's employment with the Company (including its Subsidiaries) is terminated prior to the vesting date of the Special Retention Award, the Special Retention Award is forfeited and is automatically canceled.

4. Special Retention Awards will be paid by the issuance to the Participant of Shares covered by the Special Retention Award. Prior to issuance of the Shares, the Participant has no voting rights. Dividend equivalents will accrue on Special Retention Awards, unless the Committee determines that no dividend equivalents may be accrued or paid. Dividend equivalents that accrue on Special Retention Awards will be equal to the common stock dividend per Share payable on the Company's common stock multiplied by the number of Shares covered by the Special Retention Award. Notwithstanding any provision herein to the contrary, no dividends or dividend equivalents will be paid on Special Retention Awards that have not vested.

5. The following are exceptions to the vesting rules:

- Involuntary Termination without Cause: An unvested Special Retention Award held by a Participant who is involuntarily terminated without Cause (as defined below) from employment with the Company or a Subsidiary during the vesting period is not forfeited in whole but only in part upon termination of employment. The portion of the Special Retention Award that is not forfeited vests on the original stated vesting date set forth in paragraph 2 and is calculated based on a proportionate share of the time during the vesting period that the Participant remained actively employed with the Company or a Subsidiary, with the remaining portion being automatically forfeited. The

proportionate share is computed on the basis of the actual number of days actively employed after the date of grant over a total vesting period of three years of 360 days each (or a total vesting period of 1,080 days). For example, a Participant who is involuntarily terminated without Cause from employment with the Company (or a Subsidiary) at the end of the first year of the three-year vesting period will receive one-third of the Shares upon vesting, with the remaining two-thirds of the Shares being automatically forfeited upon termination.

For this purpose, if the Participant participates in the Arconic Inc. Change in Control Severance Plan, "Cause" shall have the meaning set forth in such plan. If the Participant does not participate in the Arconic Inc. Change in Control Severance Plan, "Cause" means (i) the willful and continued failure by the Participant to substantially perform the Participant's duties with the Employer that has not been cured within 30 days after a written demand for substantial performance is delivered to the Participant by the Board or the Participant's direct supervisor, which demand specifically identifies the manner in which the Participant has not substantially performed the Participant's duties, (ii) the willful engaging by the Participant in conduct which is demonstrably and materially injurious to the Company or a Subsidiary, monetarily or otherwise; (iii) the Participant's fraud or acts of dishonesty relating to the Company or any of its Subsidiaries, or (iv) the Participant's conviction of any misdemeanor relating to the affairs of the Company or any of its Subsidiaries or indictment for any felony. For purposes of clauses (i) and (ii) of this definition, no act, or failure to act, on the Participant's part shall be deemed "willful" unless done, or omitted to be done, by the Participant not in good faith and without reasonable belief that the Participant's act, or failure to act, was in the best interest of the Company.

- **Death or Disability:** An unvested Special Retention Award held by a Participant, who dies while an employee or who is permanently and totally disabled while an employee, is not forfeited but vests on the original stated vesting date set forth in paragraph 2.

A Participant is deemed to be permanently and totally disabled if the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months. A Participant shall not be considered to be permanently and totally disabled unless the Participant furnishes proof of the existence thereof in such form and manner, and at such times, as the Company may require. In the event of a dispute, the determination whether a Participant is permanently and totally disabled will be made by the Committee or its delegate.

- **Change in Control:** A Special Retention Award vests if a Replacement Award is not provided following certain Change in Control events, as described in the Plan. If the Change in Control qualifies as a "change in control event" within the meaning of Treas. Reg. § 1.409-3(i)(5), the vested Special Retention Award will be paid to the Participant within 30 days following the Change in Control. If the Change in Control does not so qualify, the vested Special Retention Award will be paid to the Participant on the original stated vesting date set forth in paragraph 2.
- **Termination Following Change in Control:** As further described in the Plan, if a Replacement Award is provided following a Change in Control, but within 24 months of such Change in Control the Participant's employment is terminated without Cause (as defined in the Arconic Inc. Change in Control Severance Plan) or by the Participant for Good Reason (as defined in the Arconic Inc. Change in Control Severance Plan), the Replacement Award will vest and will be paid to the Participant on the original stated vested date set forth in paragraph 2.
- **Retirement:** A Restricted Share Unit is not forfeited if it is held by a Participant who retires after December 31, 2019 under a Company or Subsidiary plan (or if there is no Company or Subsidiary plan, a government retirement plan) in which the Participant is eligible for an immediate payment of a retirement benefit. In such event, the Restricted Share Unit vests and is paid in accordance with the original vesting schedule of the grant set forth in paragraph 2. Immediate commencement of a deferred

vested pension benefit under a Company or Subsidiary retirement plan is not considered a retirement for these purposes.

#### **Taxes**

6. All taxes required to be withheld under applicable tax laws in connection with a Special Retention Award must be paid by the Participant at the appropriate time under applicable tax laws. The Company may satisfy applicable tax withholding obligations by any of the means set forth in Section 15(l) of the Plan, but will generally withhold from the Shares to be issued upon payment of the Special Retention Award that number of Shares with a fair market value on the vesting date equal to the taxes required to be withheld at the minimum required rates or, to the extent permitted under applicable accounting principles, at up to the maximum individual tax rate for the applicable tax jurisdiction, which include, for Participants subject to taxation in the United States, applicable income taxes, federal and state unemployment compensation taxes and FICA/FUTA taxes. Notwithstanding the foregoing, if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended, the Company will withhold Shares from the Shares to be issued upon payment of the Special Retention Award, as described herein, and will not use the other means set forth in the Plan unless pursuant to an election by the Participant or in the event that withholding in Shares is problematic under applicable tax or securities law or has materially adverse accounting consequences. Further, notwithstanding anything herein to the contrary, the Company may cause a portion of the Special Retention Award to vest prior to the stated vesting date set forth in paragraph 2 in order to satisfy any Tax-Related Items that arise prior to the date of settlement of the Special Retention Award; provided that to the extent necessary to avoid a prohibited distribution under Section 409A of the Code, the portion of the Special Retention Award so accelerated and settled shall be with respect to a number of Shares with a value that does not exceed the liability for such Tax-Related Items.

#### **Beneficiaries**

7. If permitted by the Company, Participants will be entitled to designate one or more beneficiaries to receive all Special Retention Awards that have not yet vested at the time of death of the Participant. All beneficiary designations will be on beneficiary designation forms approved for the Plan. Copies of the form are available from the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com).

8. Beneficiary designations on an approved form will be effective at the time received by the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com). A Participant may revoke a beneficiary designation at any time by written notice to the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) or by filing a new designation form. Any designation form previously filed by a Participant will be automatically revoked and superseded by a later-filed form.

9. A Participant will be entitled to designate any number of beneficiaries on the form, and the beneficiaries may be natural or corporate persons.

10. The failure of any Participant to obtain any recommended signature on the form will not prohibit the Company from treating such designation as valid and effective. No beneficiary will acquire any beneficial or other interest in any Special Retention Award prior to the death of the Participant who designated such beneficiary.

11. Unless the Participant indicates on the form that a named beneficiary is to receive Special Retention Awards only upon the prior death of another named beneficiary, all beneficiaries designated on the form will be entitled to share equally in the Special Retention Awards upon vesting. Unless otherwise indicated, all such beneficiaries will have an equal, undivided interest in all such Special Retention Awards.

12. Should a beneficiary die after the Participant but before the Special Retention Award is paid, such beneficiary's rights and interest in the Special Retention Award will be transferable by the beneficiary's last will and testament or by the laws of descent and distribution. A named beneficiary who predeceases the Participant will obtain no rights or interest in a Special Retention Award, nor will any person claiming on behalf of such individual. Unless otherwise specifically indicated by the Participant on the beneficiary designation form, beneficiaries designated by class (such

as “children,” “grandchildren” etc.) will be deemed to refer to the members of the class living at the time of the Participant’s death, and all members of the class will be deemed to take “per capita.”

13. If a Participant does not designate a beneficiary or if the Company does not permit a beneficiary designation, the Special Retention Award that has not yet vested or been paid at the time of death of the Participant will vest and be paid to the Participant’s legal heirs pursuant to the Participant’s last will and testament or by the laws of descent and distribution.

#### **Adjustments**

14. In the event of an Equity Restructuring, the Committee will equitably adjust the Special Retention Award as it deems appropriate to reflect the Equity Restructuring, which may include (i) adjusting the number and type of securities subject to the Special Retention Award; and (ii) adjusting the terms and conditions of the Special Retention Award. The adjustments provided under this paragraph 14 will be nondiscretionary and final and binding on all interested parties, including the affected Participant and the Company; provided that the Committee will determine whether an adjustment is equitable.

#### **Repayment/Forfeiture**

15. Notwithstanding anything to the contrary herein, pursuant to Section 15(e) of the Plan the Committee has full power and authority, to the extent permitted by governing law, to determine that the Special Retention Award will be canceled or suspended at any time prior to a Change in Control: (i) if the Participant, without the consent of the Committee, while employed by the Company or a Subsidiary or after termination of such employment, becomes associated with, employed by, renders services to or owns any interest (other than an interest of up to 5% in a publicly traded company or any other nonsubstantial interest, as determined by the Committee) in any business that is in competition with the Company or any Subsidiary; (ii) in the event of the Participant’s willful engagement in conduct which is injurious to the Company or any Subsidiary, monetarily or otherwise; (iii) in the event of an Executive Officer’s misconduct described in Section 15(f) of the Plan; or (iv) in order to comply with applicable laws as described in Section 15(h) of the Plan.

Further, as an additional condition of receiving the Special Retention Award, the Participant agrees that the Special Retention Award and any benefits or proceeds the Participant may receive hereunder shall be subject to forfeiture and/or repayment to the Company to the extent required (i) under the terms of any recoupment or “clawback” policy adopted by the Company to comply with applicable laws or with the Company’s Corporate Governance Guidelines or other similar requirements, as such policy may be amended from time to time (and such requirements shall be deemed incorporated into the Award Agreement without the Participant’s consent) or (ii) to comply with any requirements imposed under applicable laws and/or the rules and regulations of the securities exchange or inter-dealer quotation system on which the Shares are listed or quoted, including, without limitation, pursuant to Section 954 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. Further, if the Participant receives any amount in excess of what the Participant should have received under the terms of the Special Retention Award for any reason (including without limitation by reason of a financial restatement, mistake in calculations or administrative error), all as determined by the Committee, then the Participant shall be required to promptly repay any such excess amount to the Company.

#### **Miscellaneous Provisions**

16. *Stock Exchange Requirements; Applicable Laws.* Notwithstanding anything to the contrary in the Award Agreement, no Shares issuable upon vesting of the Special Retention Awards, and no certificate representing all or any part of such Shares, shall be issued or delivered if, in the opinion of counsel to the Company, such issuance or delivery would cause the Company to be in violation of, or to incur liability under, any securities law, or any rule, regulation or procedure of any U.S. national securities exchange upon which any securities of the Company are listed, or any listing agreement with any such securities exchange, or any other requirement of law or of any administrative or regulatory body having jurisdiction over the Company or a Subsidiary.

17. *Non-Transferability.* The Special Retention Award is non-transferable and may not be assigned, alienated, pledged, attached, sold or otherwise transferred or encumbered by the Participant other than by will or the laws of descent and distribution and any such purported assignment, alienation, pledge, attachment, sale, transfer or encumbrance shall be void and unenforceable against the Company; provided, that, the designation of a beneficiary shall not constitute an assignment, alienation, pledge, attachment, sale, transfer or encumbrance.

18. *Shareholder Rights.* No person or entity shall be entitled to vote, receive dividends or be deemed for any purpose the holder of any Shares until the Special Retention Award shall have vested and been paid in the form of Shares in accordance with the provisions of the Award Agreement.

19. *Notices.* Any notice required or permitted under the Award Agreement shall be in writing and shall be deemed sufficient when delivered personally or sent by confirmed email, telegram, or fax or five days after being deposited in the mail, as certified or registered mail, with postage prepaid, and addressed to the Company at the Company's principal corporate offices or to the Participant at the address maintained for the Participant in the Company's records or, in either case, as subsequently modified by written notice to the other party.

20. *Severability and Judicial Modification.* If any provision of the Award Agreement is held to be invalid or unenforceable under the applicable laws of any country, state, province, territory or other political subdivision or the Company elects not to enforce such restriction, the remaining provisions shall remain in full force and effect and the invalid or unenforceable provision shall be modified only to the extent necessary to render that provision valid and enforceable to the fullest extent permitted by law. If the invalid or unenforceable provision cannot be, or is not, modified, that provision shall be severed from the Award Agreement and all other provisions shall remain valid and enforceable.

21. *Successors.* The Award Agreement shall be binding upon and inure to the benefit of the Company and its successors and assigns, on the one hand, and the Participant and his or her heirs, beneficiaries, legatees and personal representatives, on the other hand.

22. *Appendices.* Notwithstanding any provisions in the Award Agreement, for Participants residing and/or working outside the United States, the Special Retention Award shall be subject to the additional terms and conditions set forth in Appendix A to the Award Agreement and to any special terms and conditions for the Participant's country set forth in Appendix B to the Award Agreement. Moreover, if the Participant relocates outside the United States or relocates between the countries included in Appendix B, the additional terms and conditions set forth in Appendix A and the special terms and conditions for such country set forth in Appendix B will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. The Appendices constitute part of the Award Agreement.

23. *Imposition of Other Requirements.* The Company reserves the right to impose other requirements on the Participant's participation in the Plan, on the Special Retention Award and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable for legal or administrative reasons, and to require the Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.

24. *Compliance with Code Section 409A.* It is intended that the Special Retention Award granted pursuant to the Award Agreement be compliant with Section 409A of the Code and the Award Agreement shall be interpreted, construed and operated to reflect this intent. Notwithstanding the foregoing, the Award Agreement and the Plan may be amended at any time, without the consent of any party, to the extent necessary or desirable to satisfy any of the requirements under Section 409A of the Code, but the Company shall not be under any obligation to make any such amendment. Further, the Company and its Subsidiaries do not make any representation to the Participant that the Special Retention Award granted pursuant to the Award Agreement satisfies the requirements of Section 409A of the Code, and the Company and its Subsidiaries will have no liability or other obligation to indemnify or hold harmless the Participant or any other party for any tax, additional tax, interest or penalties that the Participant or any other party may incur in the event that any provision of the Award Agreement or any amendment or modification thereof or any other action taken with respect thereto, is deemed to violate any of the requirements of Section 409A of the Code.

25. *Waiver.* A waiver by the Company of breach of any provision of the Award Agreement shall not operate or be construed as a waiver of any other provision of the Award Agreement, or of any subsequent breach by the Participant or any other Participant.

26. *No Advice Regarding Award.* The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of the underlying Shares. The Participant is hereby advised to consult with the Participant's own personal tax, legal and financial advisors regarding the Participant's participation in the Plan before taking any action related to the Plan.

27. *Governing Law and Venue.* As stated in the Plan, the Special Retention Award and the provisions of the Award Agreement and all determinations made and actions taken thereunder, to the extent not otherwise governed by the laws of the United States, shall be governed by the laws of the State of New York, United States of America, without reference to principles of conflict of laws, and construed accordingly. The jurisdiction and venue for any disputes arising under, or any actions brought to enforce (or otherwise relating to), the Special Retention Award will be exclusively in the courts in the State of New York, County of New York, including the Federal Courts located therein (should Federal jurisdiction exist).

28. *Electronic Delivery and Acceptance.* The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.

29. *Entire Agreement.* The Award Agreement and the Plan embody the entire understanding and agreement of the parties with respect to the subject matter hereof, and no promise, condition, representation or warranty, express or implied, not stated or incorporated by reference herein, shall bind either party hereto.

#### **Acceptance of Award**

30. As permitted by Section 15(c) of the Plan, receipt of this Special Retention Award is subject to the Participant's acceptance of the Award and the terms of this Award Agreement and the Plan through Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) and/or through such other procedures as may be required by the Company (Participant's "Acceptance"). **To avoid forfeiture of the Award, the Participant must provide such Acceptance within 6 months of the grant date of the Award.** The date as of which the Participant's Special Retention Award shall be forfeited, if the Participant has not provided such Acceptance, will generally be set forth in the Participant's account at Merrill Lynch's OnLine<sup>®</sup> website. If the Participant does not provide Acceptance within this 6 month period, the Award will be cancelled in accordance with any administrative procedures adopted under the Plan.

**APPENDIX A  
TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Special Retention Award Agreement  
For Non-U.S. Participants**

This Appendix A contains additional (or, if so indicated, different) terms and conditions that govern the Special Retention Awards if the Participant resides and/or works outside of the United States. Capitalized terms used but not defined herein shall have the same meanings assigned to them in the Plan and the Global Special Retention Award Agreement (the "Award Agreement").

A. *Termination.* This provision supplements paragraph 3 of the Award Agreement.

The Company will determine when the Participant is no longer providing services for purposes of the Special Retention Awards (including whether the Participant may still be considered to be providing services while on a leave of absence).

B. *Responsibility for Taxes.* This provision replaces paragraph 6 of the Award Agreement (except if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended).

The Participant acknowledges that, regardless of any action taken by the Company or, if different, the Subsidiary that employs the Participant (the "Employer"), the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to the Participant's participation in the Plan and legally applicable to the Participant ("Tax-Related Items") is and remains the Participant's responsibility and may exceed the amount actually withheld by the Company or the Employer. The Participant further acknowledges that the Company and/or the Employer (a) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of these Special Retention Awards, including, but not limited to, the grant, vesting or settlement of Special Retention Awards, the subsequent sale of Shares acquired pursuant to the Special Retention Award and the receipt of any dividends or dividend equivalents; and (b) do not commit to and are under no obligation to structure the terms of the Special Retention Awards or any aspect of the Special Retention Awards to reduce or eliminate the Participant's liability for Tax-Related Items or achieve any particular tax result. The Participant shall not make any claim against the Company, the Employer or any other Subsidiary, or their respective board, officers or employees related to Tax-Related Items arising from this Award. Furthermore, if the Participant has become subject to tax in more than one jurisdiction, the Participant acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction.

Prior to any relevant taxable or tax withholding event, as applicable, the Participant will pay or make adequate arrangements satisfactory to the Company and/or the Employer to satisfy all Tax-Related Items. In this regard, the Participant authorizes the Company and/or the Employer, or their respective agents, at their discretion, to satisfy their withholding obligations with regard to all Tax-Related Items by: (i) requiring a cash payment from the Participant; (ii) withholding from the Participant's wages or other cash compensation paid to the Participant by the Company and/or the Employer, (iii) withholding from the proceeds of the sale of Shares acquired pursuant to the Special Retention Awards, either through a voluntary sale or through a mandatory sale arranged by the Company (on the Participant's behalf pursuant to this authorization without further consent); and/or (iv) withholding from the Shares subject to Special Retention Awards.

Depending on the withholding method, the Company may withhold or account for Tax-Related Items by considering applicable minimum statutory withholding rates or other applicable withholding rates, including maximum applicable rates, in which case the Participant may receive a refund of any over-withheld amount in cash (with no entitlement to the Share equivalent) or, if not refunded, the Participant may seek a refund from the local tax authorities. If the obligation for Tax-Related Items is satisfied by withholding in Shares, the Participant is deemed, for tax purposes, to have been issued the full number of Shares subject to the vested Special Retention Awards, notwithstanding that a number of the Shares is held back solely for the purpose of paying the Tax-Related Items.

Finally, the Participant shall pay to the Company and/or the Employer any amount of Tax-Related Items that the Company and/or the Employer may be required to withhold or account for as a result of the Participant's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares if the Participant fails to comply with his or her obligations in connection with the Tax-Related Items.

C. *Nature of Award.* In accepting the Special Retention Awards, the Participant acknowledges, understands and agrees that:

- a. the Plan is established voluntarily by the Company, is discretionary in nature and may be modified, amended, suspended, or terminated by the Company at any time, to the extent permitted by the Plan;
- b. this Special Retention Award is exceptional, voluntary and occasional and does not create any contractual or other right to receive future Special Retention Awards, or benefits in lieu of Special Retention Awards, even if Special Retention Awards have been granted in the past;
- c. all decisions with respect to future Special Retention Awards or other Awards, if any, will be at the sole discretion of the Company;
- d. this Special Retention Award and the Participant's participation in the Plan shall not create a right to, or be interpreted as forming an employment or service contract with the Company and shall not interfere with the ability of the Employer to terminate the Participant's employment contract (if any) at any time;
- e. the Participant's participation in the Plan is voluntary;
- f. this Special Retention Award and the Shares acquired under the Plan, and the income from and value of same, are not intended to replace any pension rights or compensation;
- g. this Special Retention Award and the Shares acquired under the Plan, and the income from and value of same, are not part of normal or expected compensation or salary for any purposes, including, without limitation, calculating any severance, resignation, termination, redundancy, dismissal, end-of-service payments, bonuses, long-service awards, pension or retirement or welfare benefits or similar payments;
- h. the future value of the Shares subject to the Special Retention Award is unknown, indeterminable and cannot be predicted with certainty;
- i. unless otherwise agreed with the Company, Special Retention Awards and the Shares acquired under the Plan, and the income from and value of same, are not granted as consideration for, or in connection with, the service the Participant may provide as a director of any Subsidiary;
- j. no claim or entitlement to compensation or damages shall arise from forfeiture of any portion of this Special Retention Award resulting from termination of the Participant's employment and/or service relationship (for any reason whatsoever and regardless of whether later found to be invalid or in breach of applicable laws in the jurisdiction where the Participant is employed or the terms of the Participant's employment agreement, if any);
- k. unless otherwise provided in the Plan or by the Company in its discretion, this Special Retention Award and the benefits under the Plan evidenced by the Award Agreement do not create any entitlement to have this Special Retention Award or any such benefits transferred to, or assumed by, another company nor to be exchanged, cashed out or substituted for, in connection with any corporate transaction affecting the Shares; and
- l. neither the Company, the Employer nor any other Subsidiary shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Special Retention Awards or of any amounts due to the Participant pursuant to the Special Retention Awards or the subsequent sale of any Shares acquired under the Plan.



**D. Data Privacy.** *The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Participant's personal data as described in the Award Agreement and any other grant materials by and among, as applicable, the Company, the Employer and any other Subsidiary for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan.*

*The Participant understands that the Company and the Employer may hold certain personal information about the Participant, including, but not limited to, the Participant's name, home address and telephone number, email address, date of birth, social insurance number, passport or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all Special Retention Awards or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan.*

*The Participant understands that Data may be transferred to Merrill Lynch, which is assisting the Company with the implementation, administration and management of the Plan. The Participant understands that the recipients of Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Participant's country. The Participant understands that the Participant may request a list with the names and addresses of any potential recipients of Data by contacting the Participant's local human resources representative. The Participant authorizes the Company, Merrill Lynch and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Participant's participation in the Plan. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan. The Participant understands that the Participant may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing the Participant's local human resources representative. Further, the Participant understands that the Participant is providing the consents herein on a purely voluntary basis. If the Participant does not consent, or if the Participant later seeks to revoke the Participant's consent, the Participant's employment and career with the Employer will not be affected; the only consequence of refusing or withdrawing the Participant's consent is that the Company would not be able to grant this Special Retention Award or other Awards to the Participant or administer or maintain such Awards. Therefore, the Participant understands that refusing or withdrawing the Participant's consent may affect the Participant's ability to participate in the Plan. For more information on the consequences of the Participant's refusal to consent or withdrawal of consent, the Participant understands that the Participant may contact the Participant's local human resources representative.*

*Finally, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form (or any other agreements or consents) that the Company and/or the Employer may deem necessary to obtain from the Participant for the purpose of administering the Participant's participation in the Plan in compliance with the data privacy laws in the Participant's country, either now or in the future. The Participant understands and agrees that he or she will not be able to participate in the Plan if the Participant fails to provide such consent or agreement as requested by the Company and/or the Employer.*

**E. Language.** *The Participant acknowledges that he or she is sufficiently proficient in English to understand the terms and conditions of the Award Agreement. Furthermore, if the Participant has received the Award Agreement, or any other document related to this Special Retention Award and/or the Plan translated into a language other than English and if the meaning of the translated version is different than the English version, the English version will control.*

**F. Insider Trading Restrictions/Market Abuse Laws.** *The Participant acknowledges that, depending on his or her country, the broker's country, or the country in which the Shares are listed, the Participant may be subject to insider trading restrictions and/or market abuse laws in applicable jurisdictions, which may affect his or her ability to accept, acquire, sell, or attempt to sell or otherwise dispose of Shares or rights to Shares (e.g., Special Retention Awards) or rights linked to the value of Shares, during such times as the Participant is considered to have "inside information" regarding the Company (as defined by applicable laws or regulations in the applicable jurisdictions,*

including the United States and the Participant's country). Local insider trading laws and regulations may prohibit the cancellation or amendment of orders the Participant placed before possessing inside information. Furthermore, the Participant may be prohibited from (i) disclosing the inside information to any third party, including fellow employees (other than on a "need to know" basis) and (ii) "tipping" third parties or causing them to otherwise buy or sell securities. Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should consult his or her personal advisor on this matter.

*G. Foreign Asset/Account Reporting Requirements, Exchange Controls and Tax Requirements.* The Participant acknowledges that his or her country may have certain foreign asset and/or account reporting requirements and exchange controls which may affect his or her ability to acquire or hold Shares under the Plan or cash received from participating in the Plan (including from any dividends received or sale proceeds arising from the sale of Shares) in a brokerage or bank account outside his or her country. The Participant understands that he or she may be required to report such accounts, assets or transactions to the tax or other authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of the Participant's participation in the Plan to his or her country through a designated bank or broker and/or within a certain time after receipt. The Participant acknowledges that it is his or her responsibility to be compliant with all such requirements, and that the Participant should consult his or her personal legal and tax advisors, as applicable, to ensure the Participant's compliance.

**APPENDIX B  
TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Special Retention Award Agreement  
For Non-U.S. Participants**

Capitalized terms used but not defined in this Appendix B have the meanings set forth in the Plan and the Global Special Retention Award Agreement (the "Award Agreement").

***Terms and Conditions***

This Appendix B includes special terms and conditions that govern Special Retention Awards if the Participant resides and/or works in one of the countries listed below.

If the Participant is a citizen or resident of a country other than the country in which the Participant is currently residing and/or working, or if the Participant transfers to another country after the grant of Special Retention Awards or is considered a resident of another country for local law purposes, the Committee shall, in its discretion, determine to what extent the special terms and conditions contained herein shall be applicable to the Participant.

***Notifications***

This Appendix B also includes information regarding exchange controls, tax and certain other issues of which the Participant should be aware with respect to participation in the Plan. The information is based on the securities, exchange control, tax and other laws in effect in the respective countries as of December 2017. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information in this Appendix B as the only source of information relating to the consequences of participation in the Plan because the information may be out of date at the time the Participant sells Shares acquired under the Plan.

In addition, the information contained herein is general in nature and may not apply to the Participant's particular situation and the Company is not in a position to assure the Participant of any particular result. Accordingly, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant's country may apply to his or her situation.

Finally, if the Participant is a citizen or resident of a country other than the country in which the Participant currently works and/or resides, or if the Participant transfers to another country after the grant of the Special Retention Award, or is considered a resident of another country for local law purposes, the information contained herein may not be applicable to the Participant in the same manner.

**Australia**

***Terms and Conditions***

Australia Offer Document.

The grant of Special Retention Awards is intended to comply with the provisions of the Corporations Act, 2001, Australian Securities & Investments Commission ("ASIC") Regulatory Guide 49 and ASIC Class Order 14/1000. Additional details are set forth in the Offer Document for Australian resident employees, which is being provided to the Participant with the Award Agreement.

***Notifications***

Exchange Control Information.

Exchange control reporting is required for cash transactions exceeding A\$10,000 and for international fund transfers. If an Australian bank is assisting with the transaction, the bank will file the report on the Participant's behalf.

#### Tax Information.

The Plan is a plan to which Subdivision 83A-C of the Income Tax Assessment Act 1997 (Cth) applies (subject to conditions in the Act).

#### **Austria**

##### ***Notifications***

#### Exchange Control Information.

If the Participant holds Shares obtained through the Plan outside of Austria, the Participant must submit a report to the Austrian National Bank. An exemption applies if the value of the Shares as of any given quarter does not meet or exceed €30,000,000 or as of December 31 does not meet or exceed €5,000,000. If the former threshold is exceeded, quarterly obligations are imposed, whereas if the latter threshold is exceeded, annual reports must be given. If quarterly reporting is required, the reports must be filed by the fifteenth day of the month following the last day of the respective quarter. The annual reporting date is December 31 and the deadline for filing the annual report is January 31 of the following year.

When Shares are sold or cash dividends or dividend equivalent payments are received, there may be exchange control obligations if the cash received is held outside Austria. If the transaction volume of all the Participant's accounts abroad meets or exceeds €10,000,000, the movements and balances of all accounts must be reported monthly, as of the last day of the month, on or before the fifteenth of the following month.

#### **Belgium**

##### ***Notifications***

#### Foreign Asset/Account Reporting Information.

If the Participant is a Belgian resident, the Participant is required to report any bank accounts opened and maintained outside of Belgium (*e.g.*, brokerage accounts opened in connection with the Plan) on his or her annual tax return. In a separate report, the Participant is required to provide the National Bank of Belgium with certain details regarding such foreign accounts (including the account number, bank name and country in which any such account was opened). This report, as well as additional information on how to complete it, can be found on the website of the National Bank of Belgium, [www.nbb.be](http://www.nbb.be), under *Kredietcentrales / Centrales des crédits* caption. The Participant should consult with his or her personal tax advisor to determine his or her personal reporting obligations.

#### Stock Exchange Tax.

From January 1, 2017, a stock exchange tax applies to transactions executed through a non-Belgian financial intermediary. The stock exchange tax likely will apply when the Shares are sold. The Participant should consult with his or her personal tax advisor to determine his or her obligations with respect to the stock exchange tax.

#### **Brazil**

##### ***Terms and Conditions***

#### Compliance with Law.

By accepting the Special Retention Award, the Participant acknowledges that he or she agrees to comply with applicable Brazilian laws and to pay any and all applicable taxes associated with the vesting of Special Retention Awards, the sale of the Shares acquired under the Plan and the receipt of any dividends.

Acknowledgement of Nature of the Grant. This provision supplements paragraph C “Nature of Award” of Appendix A.

By accepting the Special Retention Awards, the Participant agrees that he or she is making an investment decision, the Shares will be issued to the Participant only if the vesting conditions are met and any necessary services are rendered by the Participant over the vesting period, and the value of the underlying Shares is not fixed and may increase or decrease in value over the vesting period without compensation to the Participant.

### **Notifications**

Exchange Control Information.

If the Participant is a resident of or domiciled in Brazil, he or she will be required to submit an annual declaration of assets and rights held outside of Brazil to the Central Bank of Brazil if the aggregate value of the assets and rights is equal to or greater than US\$100,000. If such amount exceeds US\$100,000,000, the declaration must be submitted quarterly. Assets and rights that must be reported include Shares acquired under the Plan.

Tax on Financial Transactions (IOF).

Repatriation of funds (*e.g.*, sale proceeds) into Brazil and the conversion of USD into BRL associated with such fund transfers may be subject to the Tax on Financial Transactions. It is the Participant’s responsibility to comply with any applicable Tax on Financial Transactions arising from the Participant’s participation in the Plan. The Participant should consult with his or her personal tax advisor for additional details.

### **Canada**

#### ***Terms and Conditions***

Award Settled Only in Shares.

Notwithstanding any discretion in the Plan, the Special Retention Award shall be settled in Shares only. The Participant is not entitled to receive a cash payment pursuant to the Award.

Termination of Service. The following provision replaces paragraph A “Termination” of Appendix A.

For purposes of the Special Retention Award, the Participant’s employment relationship will be considered terminated (regardless of the reason for such termination and whether or not later found to be invalid or in breach of Canadian laws or the terms of the Participant’s employment agreement, if any) effective as of the date that is the earlier of (i) the date of the Participant’s termination, (ii) the date the Participant receives notice of termination, or (iii) the date the Participant is no longer actively providing service and will not be extended by any notice period (*e.g.*, active service would not include any contractual notice period or any period of “garden leave” or similar period mandated under Canadian laws or the terms of the Participant’s employment agreement, if any). Unless otherwise expressly provided in the Award Agreement or determined by the Company, the Participant’s right to vest in the Special Retention Awards, if any, will terminate on such date. The Committee shall have the exclusive discretion to determine when the Participant is no longer actively providing service for purposes of the Special Retention Award (including whether the Participant may still be considered to be providing services while on a leave of absence).

*The Following Provisions Apply for Participants Resident in Quebec:*

Consent to Receive Information in English.

The Participant acknowledges that it is the express wish of the parties that the Award Agreement, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be written in English.

*Les parties reconnaissent avoir exigé la rédaction en anglais de Conditions d'attribution, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou intentés en vertu de, ou liés directement ou indirectement à, la présente convention.*

Authorization to Release and Transfer Necessary Personal Information. The following provision supplements paragraph D “Data Privacy” of Appendix A.

The Participant hereby authorizes the Company and the Company’s representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company, any Subsidiary and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any Subsidiary to record such information and to keep such information in the Participant’s Employee file.

**Notifications**

Securities Law Information.

The Participant acknowledges that he or she is permitted to sell the Shares acquired under the Plan through the designated broker appointed by the Company, provided the sale of the Shares takes place outside of Canada through facilities of a stock exchange on which the Shares are listed (*i.e.*, the NYSE).

Foreign Asset/Account Reporting Information.

Canadian residents are required to report to the tax authorities certain foreign property (including the Special Retention Awards) on form T1135 (Foreign Income Verification Statement) if the total cost of the foreign property exceeds C\$100,000 at any time in the year. The form must be filed by April 30 of the following year. Special Retention Awards must be reported—generally at a nil cost—if the C\$100,000 cost threshold is exceeded because of other foreign property the Participant holds. If Shares are acquired, their cost generally is the adjusted cost base (“ACB”) of the Shares. The ACB would normally equal the fair market value of the Shares at vesting, but if the Participant owns other Shares, this ACB may have to be averaged with the ACB of the other Shares. The Participant should consult with his or her personal legal advisor to ensure compliance with applicable reporting obligations.

**China**

**Terms and Conditions**

*The following terms and conditions will apply to Participants who are subject to exchange control restrictions and regulations in the People’s Republic of China (“the PRC”), including the requirements imposed by the State Administration of Foreign Exchange (“SAFE”), as determined by the Company in its sole discretion:*

Termination of Employment.

Due to exchange control laws in the PRC, the Participant agrees that the Company reserves the right to require the sale of any Shares acquired at vesting of the Special Retention Awards upon the termination of the Participant’s employment for any reason. If the Company, in its discretion, does not exercise its right to require the automatic sale of Shares issuable upon vesting of the Special Retention Awards, as described in the preceding sentence, the Participant understands and agrees that any Shares acquired by the Participant under the Plan must be sold no later than six (6) months after termination of the Participant’s employment, or within any other such time frame as

permitted by the Company or required by SAFE. The Participant understands that any Shares acquired under the Plan that have not been sold within six (6) months of the Participant's termination of employment will be automatically sold by a designated broker at the Company's discretion, pursuant to this authorization by the Participant.

The Participant agrees that the Company is authorized to instruct its designated broker to assist with the mandatory sale of such Shares (on the Participant's behalf, pursuant to this authorization) and the Participant expressly authorizes the Company's designated broker to complete the sale of such Shares. The Participant also agrees to sign any agreements, forms, and/or consents that may be reasonably requested by the Company (or the designated broker) to effectuate the sale of the Shares (including, without limitation, as to the transfers of the proceeds and other exchange control matters noted below) and shall otherwise cooperate with the Company with respect to such matters, provided that the Participant shall not be permitted to exercise any influence over how, when or whether the sales occur. The Participant acknowledges that the Company's designated broker is under no obligation to arrange for the sale of the Shares at any particular price. Due to fluctuations in the Share price and/or applicable exchange rates between vesting and (if later) the date on which the Shares are sold, the amount of proceeds ultimately distributed to the Participant may be more or less than the market value of the Shares upon vesting (which is the amount relevant to determining the Participant's liability for Tax-Related Items). The Participant understands and agrees that the Company is not responsible for the amount of any loss the Participant may incur and the Company assumes no liability for any fluctuations in the Share price and/or any applicable exchange rate.

Upon the sale of the Shares, the Company agrees to pay the cash proceeds from the sale (less any Tax-Related Items, brokerage fees and commissions) to the Participant in accordance with the applicable exchange control laws and regulations, including but not limited to the restrictions set forth in this Appendix B for China below under "Exchange Control Restrictions."

#### Exchange Control Restrictions.

The Participant understands and agrees that, pursuant to local exchange control requirements, the Participant will be required to immediately repatriate any cash payments or proceeds obtained with respect to participation in the Plan to the PRC. The Participant further understands that such repatriation of any cash payments or proceeds may need to be effectuated through a special exchange control account established by the Company or any Subsidiary, and the Participant hereby consents and agrees that any payment or proceeds may be transferred to such special account prior to being delivered to the Participant.

Any payment or proceeds may be paid to the Participant in U.S. dollars or local currency at the Company's discretion. If the payments or proceeds are paid to the Participant in U.S. dollars, the Participant will be required to set up a U.S. dollar bank account in the PRC (if the Participant does not already have one) so that the payments or proceeds may be deposited into this account. If the payments or proceeds are paid to the Participant in local currency, the Company is under no obligation to secure any particular currency exchange rate and the Company may face delays in converting the payments or proceeds to local currency due to exchange control restrictions. The Participant agrees to bear any currency exchange rate fluctuation risk between the time the cash proceeds are received and the time the cash proceeds are distributed to the Participant through the special account described above.

The Participant further agrees to comply with any other requirements that may be imposed by the Company in the future to facilitate compliance with exchange control requirements in the PRC.

#### ***Notifications***

#### Exchange Control Information.

PRC residents may be required to report to SAFE all details of their foreign financial assets and liabilities, as well as details of any economic transactions conducted with non-PRC residents.

## France

### *Terms and Conditions*

#### Language Consent.

By accepting the grant of Special Retention Awards and the Award Agreement, which provides for the terms and conditions of your Special Retention Awards, the Participant confirms having read and understood the documents relating to this Award (the Plan and the Award Agreement, including this Appendix) which were provided to the Participant in English. The Participant accepts the terms of those documents accordingly.

*En acceptant l'Attribution d'Actions Attribuées et ce Contrat d'Attribution qui contient les termes et conditions des Actions Attribuées, le Participant confirme avoir lu et compris les documents relatifs à cette attribution (le Plan et le Contrat d'Attribution, ainsi que les Annexes) qui ont été transmis au Participant en langue anglaise. Le Participant accepte ainsi les conditions et termes de ces documents.*

### *Notifications*

#### Tax Information.

The Special Retention Awards are not intended to be French tax-qualified awards.

#### Foreign Asset/Account Reporting Information.

French residents are required to report all foreign accounts (whether open, current or closed) to the French tax authorities when filing their annual tax returns. The Participant should consult with his or her personal advisor to ensure compliance with applicable reporting obligations.

## Germany

### *Notifications*

#### Exchange Control Information.

If the Participant receives cross-border payments in excess of €12,500 in connection with the sale of securities (including Shares acquired under the Plan) or the receipt of any dividends or dividend equivalent payments, such payment must be reported monthly to the German Federal Bank (*Bundesbank*). The Participant is responsible for the reporting obligation and should file the report electronically by the fifth day of the month following the month in which the payment is made. A copy of the report ("*Allgemeines Meldeportal Statistik*") can be accessed via Bundesbank's website ([www.bundesbank.de](http://www.bundesbank.de)) and is available in both German and English.

## Hungary

There are no country-specific provisions.

## India

### *Notifications*

#### Exchange Control Information.

Indian residents are required to repatriate to India all proceeds received from the sale of Shares within 90 days of receipt and any dividends or dividend equivalent payments within 180 days of receipt, or within such other period of time as may be required under applicable regulations. The Participant must maintain the foreign inward remittance



certificate received from the bank where the foreign currency is deposited in the event that the Reserve Bank of India or the Company requests proof of repatriation. It is the Participant's responsibility to comply with applicable exchange control laws in India.

Foreign Asset/Account Reporting Information.

The Participant is required to declare any foreign bank accounts and any foreign financial assets (including Shares held outside India) in the Participant's annual tax return. The Participant is responsible for complying with this reporting obligation and should confer with his or her personal tax advisor in this regard.

**Japan**

*Notifications*

Foreign Asset/Account Reporting Information.

The Participant will be required to report details of any assets held outside of Japan as of December 31 (including any Shares acquired under the Plan) to the extent such assets have a total net fair market value exceeding ¥50,000,000. Such report will be due by March 15 of the following year. The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies to the Participant and whether the Participant will be required to report details of any outstanding Special Retention Awards, Shares or cash held by the Participant in the report.

**Korea**

*Notifications*

Exchange Control Information.

Exchange control laws require Korean residents who realized US\$500,000 or more from the sale of Shares or the receipt of dividends in a single transaction before July 18, 2017 to repatriate the proceeds back to Korea within three years of the sale/receipt.

Foreign Asset/Account Reporting Information.

If the Participant is a Korean resident, the Participant must declare all of his or her foreign financial accounts (including any brokerage account) to the Korean tax authority and file a report with respect to such accounts if the value of such accounts exceeds KRW 1 billion (or an equivalent amount in foreign currency). The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies.

**Mexico**

*Terms and Conditions*

Policy Statement.

The Special Retention Award is a unilateral and discretionary award and, therefore, the Company reserves the absolute right to amend it and discontinue it at any time without any liability.

The Company, with offices at 390 Park Avenue, New York City, New York, 10022 U.S.A., is solely responsible for the administration of the Plan, and participation in the Plan and the Award of the Special Retention Award does not, in any way, establish an employment relationship between the Participant and the Company since the Participant is

participating in the Plan on a wholly commercial basis and the sole employer is a Mexican Subsidiary, nor does it establish any rights between the Participant and the Employer.

#### Plan Document Acknowledgment.

By accepting the Special Retention Awards, the Participant acknowledges that he or she has received copies of the Plan, has reviewed the Plan and the Award Agreement in their entirety, and fully understands and accepts all provisions of the Plan and the Award Agreement, including the Appendices.

In addition, the Participant expressly approves that: (i) participation in the Plan does not constitute an acquired right; (ii) the Plan and participation in the Plan is offered by the Company on a wholly discretionary basis; (iii) participation in the Plan is voluntary; and (iv) neither the Company nor any Subsidiary is responsible for any decrease in the value of the Shares acquired upon vesting of the Special Retention Awards.

Finally, the Participant hereby declares that he or she does not reserve any action or right to bring any claim against the Company for any compensation or damages as a result of his or her participation in the Plan and therefore grant a full and broad release to the Employer, the Company and its other Subsidiaries with respect to any claim that may arise under the Plan.

#### Spanish Translation

##### Declaración de Política.

*El Otorgamiento de Unidades de Acciones Restringidas es un otorgamiento unilateral y discrecional y, por lo tanto, la Compañía se reserva el derecho absoluto de modificar y discontinuar el Plan en cualquier tiempo, sin responsabilidad alguna.*

*La Compañía, con oficinas registradas ubicadas en 390 Park Avenue, New York, New York 10022 U.S.A., es únicamente responsable de la administración del Plan, y la participación en el Plan y el Otorgamiento de Unidades de Acciones Restringidas no establecen, de forma alguna, una relación de trabajo entre el Participante y la Compañía, ya que el Participante está participando en el Plan sobre una base comercial y el único patrón es una Afiliada Mexicana y tampoco establece ningún derecho entre usted y el Patrón.*

##### Reconocimiento del Documento del Plan.

*Al aceptar el Otorgamiento de las Unidades de Acciones Restringidas, el Participante reconoce que ha recibido copias del Plan, ha revisado el Plan y los Términos del Otorgamiento en su totalidad y que entiende y acepta completamente todas las disposiciones contenidas en el Plan y en los Términos del Otorgamiento, incluyendo los Apéndices.*

*Adicionalmente, el Participante aprueba expresamente que (i) la participación en el Plan no constituye un derecho adquirido; (ii) el Plan y la participación en el Plan se ofrecen por la Compañía de forma enteramente discrecional; (iii) la participación en el Plan es voluntaria; y (iv) la Compañía, cualquier Filial y el Patrón no son responsables por cualquier disminución en el valor de las Acciones adquiridas al momento de tener derecho en relación con las Unidades de Acciones Restringidas.*

*Finalmente, el Participante declara que no se reserva ninguna acción o derecho para interponer una reclamación o demanda en contra de la Compañía por compensación, daño o perjuicio alguno como resultado de su participación en el Plan y, por lo tanto, otorga el más amplio y total finiquito al Patrón, la Compañía y sus Filiales en relación con cualquier reclamación demanda que pudiera surgir de conformidad con el Plan.*

#### **Netherlands**

There are no country-specific provisions.

## **Russia**

### ***Terms and Conditions***

#### U.S. Transaction.

The Participant understands that the grant of the Special Retention Award is a right to receive Shares if certain conditions are met and that the offer is made by the Company in the United States. Upon vesting of the Special Retention Award, any Shares to be issued to the Participant shall be delivered to the Participant through a brokerage account in the United States.

#### *Notifications*

#### Exchange Control Information.

Under current exchange control regulations, within a reasonably short time after the sale of Shares acquired upon vesting of the Special Retention Award or the receipt of dividend equivalent payments, the Participant is required to repatriate such funds received in connection with the Plan to the Participant's bank account in Russia prior to using those proceeds for any purpose including reinvestments. Such proceeds must be initially credited to the Participant through a foreign currency account at an authorized bank in Russia. After the proceeds are initially received in Russia, they may be further remitted to foreign banks in accordance with Russian exchange control laws. The Participant is strongly encouraged to contact the Participant's personal advisor to confirm the applicable Russian exchange control rules because significant penalties may apply in the case of non-compliance and because exchange control requirements may change.

#### Securities Law Information.

The Participant is not permitted to sell Shares directly to other Russian legal entities or residents.

The grant of the Special Retention Awards and the distribution of the Plan and all other materials the Participant may receive regarding participation in the Plan do not constitute an offering or the advertising of securities in Russia. The issuance of Shares pursuant to the Plan has not and will not be registered in Russia and, therefore, the Shares may not be used for an offering or public circulation in Russia. In no event will Shares be delivered to the Participant in Russia; all Shares acquired under the Plan will be maintained on the Participant's behalf in the United States.

#### Data Privacy Acknowledgement.

The Participant hereby acknowledges that he or she has read and understands the terms regarding collection, processing and transfer of Data contained in Appendix A to the Award Agreement and by participating in the Plan, the Participant agrees to such terms. In this regard, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form to the Company or the Employer (or any other agreements or consents that may be required by the Company or the Employer) that the Company and/or the Employer may deem necessary to obtain under the data privacy laws of Russia, either now or in the future.

#### Labor Law Information.

If the Participant continues to hold Shares after involuntary termination, the Participant may not be eligible to receive unemployment benefits in Russia.

#### Anti-Corruption Legislation Information.

Individuals holding public office in Russia, as well as their spouses and dependent children, may be prohibited from opening or maintaining a foreign brokerage or bank account and holding any securities, whether acquired directly or

indirectly, in a foreign company (including Shares acquired under the Plan). The Participant is strongly advised to consult with his or her personal legal advisor to determine whether the restriction applies to the Participant.

## **Spain**

### ***Terms and Conditions***

No Entitlement for Claims or Compensation. The following provisions supplement paragraph A “Termination” of Appendix A.

By accepting the Special Retention Award, the Participant consents to participation in the Plan and acknowledges that Participant has received a copy of the Plan.

The Participant understands and agrees that, as a condition of the grant of the Special Retention Award, if the Participant’s employment terminates, unless otherwise provided in the Award Agreement or by the Company, any unvested Special Retention Awards shall be forfeited without entitlement to the underlying Shares or to any amount as indemnification in the event of a termination, including, but not limited to: resignation, disciplinary dismissal adjudged to be with cause, disciplinary dismissal adjudged or recognized to be without cause, individual or collective layoff on objective grounds, whether adjudged to be with cause or adjudged or recognized to be without cause, material modification of the terms of employment under Article 41 of the Workers’ Statute, relocation under Article 40 of the Workers’ Statute, Article 50 of the Workers’ Statute, unilateral withdrawal by the Employer, and under Article 10.3 of Royal Decree 1382/1985.

The Participant understands that the Company has unilaterally, gratuitously and in its sole discretion decided to grant Special Retention Awards under the Plan to individuals who may be Employees of the Company or a Subsidiary. The decision is limited and entered into based upon the express assumption and condition that any Special Retention Awards will not economically or otherwise bind the Company or any Subsidiary, including the Employer, on an ongoing basis, other than as expressly set forth in the Award Agreement. Consequently, the Participant understands that the Special Retention Awards are granted on the assumption and condition that the Special Retention Awards shall not become part of any employment or service agreement (whether with the Company or any Subsidiary, including the Employer) and shall not be considered a mandatory benefit, salary for any purpose (including severance compensation) or any other right whatsoever. Furthermore, the Participant understands and freely accepts that there is no guarantee that any benefit whatsoever shall arise from the grant of Special Retention Awards, which is gratuitous and discretionary, since the future value of the Special Retention Awards and the underlying Shares is unknown and unpredictable. The Participant also understands that the grant of Special Retention Awards would not be made but for the assumptions and conditions set forth hereinabove; thus, the Participant understands, acknowledges and freely accepts that, should any or all of the assumptions be mistaken or any of the conditions not be met for any reason, the Special Retention Award and any right to the underlying Shares shall be null and void.

### ***Notifications***

#### Securities Law Information.

No “offer of securities to the public”, as defined under Spanish law, has taken place or will take place in the Spanish territory with respect to the Special Retention Award. No public offering prospectus has been nor will be registered with the Comisión Nacional del Mercado de Valores (Spanish Securities Exchange Commission) (“CNMV”). Neither the Plan nor the Award Agreement constitute a public offering prospectus and they have not been, nor will they be, registered with the CNMV.

#### Exchange Control Information.

It is the Participant’s responsibility to comply with exchange control regulations in Spain. The Participant must declare the acquisition of Shares for statistical purposes to the Spanish Dirección General de Comercio e Inversiones (the “DGCI”) of the Ministry of Economy and Competitiveness. In addition, the Participant must also file a

Form D-6 with the Directorate of Foreign Transaction each January in which the Shares are owned. The sale of Shares also must be declared on Form D-6 filed with the DGCI in January, unless the sale proceeds exceed the applicable threshold (currently €1,502,530), in which case, the filing is due within one month after the sale.

#### Foreign Asset/Account Reporting Information.

The Participant is required to declare electronically to the Bank of Spain any securities accounts (including brokerage accounts held abroad), as well as the Shares held in such accounts if the value of the transactions during the prior tax year or the balances in such accounts as of December 31 of the prior tax year exceed €1,000,000.

Further, to the extent that the Participant holds Shares and/or has bank accounts outside Spain with a value in excess of €50,000 (for each type of asset) as of December 31, the Participant will be required to report information on such assets on his or her tax return (tax form 720) for such year. After such Shares and/or accounts are initially reported, the reporting obligation will apply for subsequent years only if the value of any previously-reported Shares or accounts increases by more than €20,000 or if the Participant sells or otherwise disposes of any previously-reported Shares or accounts.

#### **Switzerland**

##### ***Notifications***

#### Securities Law Information.

The grant of the Special Retention Award under the Plan is considered a private offering in Switzerland and is, therefore, not subject to registration in Switzerland. Neither this document nor any other material related to the Special Retention Award constitutes a prospectus as such term is understood pursuant to Article 652a of the Swiss Code of Obligations, and neither this document nor any other materials related to the Special Retention Award may be publicly distributed or otherwise made publicly available in Switzerland. Neither this document nor any other offering or marketing materials relating to the Special Retention Awards have been or will be filed with, approved or supervised by any Swiss regulatory authority (in particular, the Swiss Financial Market Supervisory Authority (FINMA)).

#### **United Kingdom**

##### ***Terms and Conditions***

Responsibility for Taxes. The following supplements paragraph B “Responsibility for Taxes” of Appendix A:

Without limitation to paragraph B “Responsibility for Taxes” of Appendix A, the Participant agrees that the Participant is liable for all Tax-Related Items and hereby covenants to pay all such Tax-Related Items as and when requested by the Company or the Employer or by Her Majesty’s Revenue & Customs (“HMRC”) (or any other tax authority or any other relevant authority). The Participant also agrees to indemnify and keep indemnified the Company and the Employer against any Tax-Related Items that they are required to pay or withhold or have paid or will have to pay to HMRC (or any other tax authority or any other relevant authority) on the Participant’s behalf.

Notwithstanding the foregoing, if the Participant is a Director or executive officer of the Company (within the meaning of Section 13(k) of the U.S. Securities Exchange Act of 1934), the Participant may not be able to indemnify the Company or the Employer for the amount of any income tax not collected from or paid by the Participant, as it may be considered a loan. In this case, the amount of any uncollected income tax may constitute a benefit to the Participant on which additional income tax and employee National Insurance contributions (“NICs”) may be payable. The Participant agrees to report and pay any income tax due on this additional benefit directly to HMRC under the self-assessment regime and to pay the Employer for the value of the employee NICs due on this additional benefit, which the Company or the Employer may recover from the Participant by any of the means referred to in the Award Agreement, including the Appendices.

**ARCONIC INC.**  
**2013 ARCONIC STOCK INCENTIVE PLAN**  
**STOCK OPTION AWARD AGREEMENT**  
**Grant Date: [ ]**

The terms and conditions of this Global Stock Option Award Agreement, including Appendices A and B attached hereto, (the "Award Agreement") are authorized by the Compensation and Benefits Committee of the Board of Directors. The Stock Option award is granted to the Participant under the 2013 Arconic Stock Incentive Plan, as amended and restated and as may be further amended from time to time (the "Plan"). Terms that are defined in the Plan have the same meanings in the Award Agreement.

**NOTE: To avoid cancellation of the Stock Option, the Participant must affirmatively accept the Stock Option and the terms of this Award Agreement within 6 months of the grant date, as set forth in paragraph 41 of the Award Agreement.**

*General Terms and Conditions*

1. The Stock Option award is subject to the terms and conditions set forth in the Participant's account at Merrill Lynch's OnLine® website [www.benefits.ml.com](http://www.benefits.ml.com), the provisions of the Plan and the Award Agreement. If the Plan and the Award Agreement are inconsistent, the provisions of the Plan will govern. Interpretations of the Plan and the Award Agreement by the Committee are binding on the Participant and the Company.
2. The exercise price (or option price) of the Stock Option is 100% of the fair market value per Share on the date of grant, unless the Participant's account at Merrill Lynch's OnLine® website [www.benefits.ml.com](http://www.benefits.ml.com), specifies a higher exercise price.
3. The expiration date of a Stock Option is ten years after the date of grant.

*Vesting and Exercisability*

4. The Stock Option vests on [ ].
5. Except as provided in paragraph 7, once vested, a Stock Option may be exercised until its expiration date, as long as the Participant remains an active employee of the Company or a Subsidiary. As an administrative matter, the vested portion of this Stock Option may be exercised only until the close of the New York Stock Exchange on the expiration date or such earlier termination date set forth in paragraph 7 or, if such date is not a business day on the New York Stock Exchange, the last business day before such date. Any later attempt to exercise the Stock Option will not be honored. The Participant is solely responsible for any election to exercise the Stock Option, and the Company has no obligation to provide notice to the Participant of any matter, including, but not limited to, the date the Stock Option terminates. Neither the Company nor any Subsidiary has any liability in the event of the Participant's failure to timely exercise any vested Stock Option prior to its expiration.
6. Except as provided in paragraph 7:
  - as a condition to exercise of a Stock Option, a Participant must remain an active employee of the Company or a Subsidiary until the date the option vests, and if a Stock Option vests as to some but not all Shares covered by the Award, the Participant must be an active employee on the date the relevant portion of the Award vests; and
  - if the Participant's employment with the Company (including its Subsidiaries) terminates prior to the vesting date of the Stock Option (or relevant option portion), the Stock Option (or relevant option portion) is forfeited and is automatically canceled.
7. The following are exceptions to the vesting and exercisability rules:
  - Death or Disability: a Stock Option held by a Participant, who dies while an Employee or who is permanently and totally disabled while an Employee, is not forfeited but vests in accordance with the original vesting date. In the case of a Participant who dies while an Employee, any Stock Option that is vested must be exercised by a legal representative or beneficiary on the earlier of five years from the date of death or the original expiration date of the Stock Option. In the case of a Participant who is permanently and totally disabled while an Employee, any Stock

Option that is vested must be exercised on the earlier of five years from the date of such disability or the original expiration date of the Stock Option.

A Participant is deemed to be permanently and totally disabled if the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months. A Participant shall not be considered to be permanently and totally disabled unless the Participant furnishes proof of the existence thereof in such form and manner, and at such times, as the Company may require. In the event of a dispute, the determination whether a Participant is permanently and totally disabled will be made by the Committee or its delegate.

- **Change in Control**: a Stock Option vests if a Replacement Award is not provided following certain Change in Control events, as described in the Plan.
- **Retirement**: a Stock Option is not forfeited if it is held by a Participant who retires at least 6 months after the grant date under an applicable Company or Subsidiary plan (or if there is no Company or Subsidiary plan, a government retirement plan) in which the Participant is eligible for an immediate payment of a retirement benefit. In that event, any unvested portion of the Stock Option vests in accordance with the original vesting schedule of the grant, and any Stock Option that is vested will be exercisable until the earlier of five years from the date of retirement or the original expiration date of the Stock Option. Immediate commencement of a deferred vested pension benefit under a Company or Subsidiary retirement plan is not considered a retirement for these purposes.
- **Divestiture**: if a Stock Option is held by a Participant who is to be terminated from employment with the Company or a Subsidiary as a result of a divestiture of a business or a portion of a business of the Company and the Participant either becomes an employee of (or is leased or seconded to) the entity acquiring the business on the date of the closing, or the Participant is not offered employment with the entity acquiring the business and is terminated by the Company or a Subsidiary within 90 days of the closing of the sale, then, at the discretion of the Chief Executive Officer of the Company:
  - Any unvested portion of the Stock Option will continue to vest under the original vesting schedule and once vested, will be exercisable until the earlier of the original expiration date of the Stock Option or two years from the date the Participant's employment with the Company or a Subsidiary has been terminated; and
  - Any vested portion of the Stock Option will remain exercisable until the earlier of the original expiration date of the Stock Option or two years from the date the Participant's employment with the Company or a Subsidiary has been terminated.

For purposes of this paragraph, employment by "the entity acquiring the business" includes employment by a subsidiary or affiliate of the entity acquiring the business; and "divestiture of a business" means the sale of assets or stock resulting in the sale of a going concern. "Divestiture of a business" does not include a plant shut down or other termination of a business.

- **Termination of Employment**: if a Stock Option is held by a Participant whose employment with the Company (including its Subsidiaries) is terminated for any reason other than those described above in this paragraph 7, any unvested Stock Options will be forfeited on the date of termination of employment and any vested Stock Options will remain exercisable for 90 days after the date employment is terminated.

#### ***Option Exercise and Payment of Exercise Price***

8. A vested, exercisable option is exercised when a signed notification of exercise is received by Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com).

9. Payment in full of the exercise price of a Stock Option is due on the exercise date. Unless otherwise determined by the Company (except that no such determination may be made with respect to a Section 16 Insider), payment of the option exercise price may be made:

- in cash (including a “broker-assisted cashless exercise” described in the next paragraph); or
- by the delivery or presentation of Shares that have an aggregate fair market value on the date of exercise, which, together with any cash payment, equals or exceeds the Stock Option exercise price.

10. A Participant may elect to pay the cash exercise price of the option through a “broker-assisted cashless exercise,” using Merrill Lynch’s OnLine® website [www.benefits.ml.com](http://www.benefits.ml.com). On or prior to the exercise date, the Participant must deliver the Participant’s instruction directing and obligating the broker to (a) sell Shares (or a sufficient portion of the Shares) acquired upon exercise of the option and (b) remit to the Company a sufficient portion of the sale proceeds to pay the entire exercise price and any tax withholding resulting from the exercise. Such proceeds are due not later than the third trading day after the exercise date.

11. Shares owned by a Participant include (a) those registered in the Participant’s name (or registered jointly with another person), (b) those held in a brokerage account owned by the Participant individually or jointly with another person, and (c) those held in a trust, partnership, limited partnership or other entity for the benefit of the Participant individually (or for the benefit of the Participant jointly with another person). Notwithstanding the foregoing, Shares owned by a Participant do not include Shares held in any qualified plan, IRA or similar tax deferred arrangement or Shares that are otherwise subject to potential accounting limitations regarding their use in stock swap transactions. The Company may require verification or proof of ownership or length of ownership of any shares delivered in payment of the exercise price of an option.

#### ***Taxes***

12. All taxes required to be withheld under applicable tax laws in connection with the Stock Option must be paid by the Participant immediately upon exercise (or at the time of any other relevant taxable event).

13. The Company may satisfy applicable tax withholding obligations by any of the means set forth in Section 15(l) of the Plan, except that the Company shall not have discretion to withhold Shares from any Shares deliverable upon exercise if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended (a “Section 16 Insider”). Withholding taxes in the United States include applicable income taxes, federal and state unemployment compensation taxes and FICA/FUTA taxes.

14. The amount of taxes that may be paid by a Participant may be determined by applying the minimum rates or, to the extent permitted under applicable accounting principles, up to the maximum individual tax rate for the applicable tax jurisdiction required by applicable tax regulations.

15. The Participant acknowledges that neither the Company nor any Subsidiary has made any representation or given any advice to the Participant with respect to taxes.

#### ***Beneficiaries***

16. If permitted by the Company, Participants will be entitled to designate one or more beneficiaries to receive all Stock Options that are unexercised at the time of the Participant’s death. All beneficiary designations will be on a beneficiary designation form approved for the Plan. Copies of the form are available from the Communications Center on Merrill Lynch’s Benefits OnLine® [www.benefits.ml.com](http://www.benefits.ml.com).

17. Beneficiary designations on an approved form will be effective at the time received by Merrill Lynch’s OnLine® website [www.benefits.ml.com](http://www.benefits.ml.com). A Participant may revoke a beneficiary designation at any time by written notice to Merrill Lynch’s OnLine® website [www.benefits.ml.com](http://www.benefits.ml.com) or by filing a new designation form. Any designation form previously filed by a Participant will be automatically revoked and superseded by a later-filed form.

18. A Participant will be entitled to designate any number of beneficiaries on the form, and the beneficiaries may be natural or corporate persons.



19. The failure of any Participant to obtain any recommended signature on the form will not prohibit the Company from treating such designation as valid and effective. No beneficiary will acquire any beneficial or other interest in any Stock Option prior to the death of the Participant who designated such beneficiary.

20. Unless the Participant indicates on the form that a named beneficiary is to receive unexercised options only upon the prior death of another named beneficiary, all beneficiaries designated on the form will be entitled and required to join in the exercise of the option. Unless otherwise indicated, all such beneficiaries will have an equal, undivided interest in all such Stock Options.

21. Should a beneficiary die after the Participant but before the option is exercised, such beneficiary's rights and interest in the option award will be transferable by last will and testament of the beneficiary or the laws of descent and distribution. A named beneficiary who predeceases the Participant will obtain no rights or interest in a stock option award, nor will any person claiming on behalf of such individual. Unless otherwise specifically indicated by the Participant on the beneficiary designation form, beneficiaries designated by class (such as "children," "grandchildren" etc.) will be deemed to refer to the members of the class living at the time of the Participant's death, and all members of the class will be deemed to take "per capita."

22. If a Participant does not designate a beneficiary or if the Company does not permit a beneficiary designation, the Stock Options that are unexercised at the time of death of the Participant will be transferred to the Participant's legal heirs pursuant to the Participant's last will and testament or by the laws of descent and distribution and may be exercised by the legal heirs as set forth in paragraph 7.

#### ***Transferable Options***

23. Upon approval of, and subject to such requirements as may be imposed by, the Company, vested Stock Options may be transferred to one or more immediate family members, individually or jointly. A trust, each of whose beneficiaries is the Participant or an immediate family member, will be deemed to be a family member for purposes of these rules.

24. Any permitted transfer of Stock Options shall be effective on the date written notice thereof, on a form approved for this purpose, is received. Copies of the form are available from the Communications Center on Merrill Lynch's Benefits OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com). As a condition to transfer, the Participant shall agree to remain responsible to pay the applicable taxes due in relation to the option. The Participant or the Participant's estate will be required to provide sufficient evidence of ability to pay such taxes upon the Company's request.

25. A transfer shall be irrevocable; no subsequent transfer by the transferee shall be effective. Notwithstanding the foregoing, a transferee shall be entitled to designate a beneficiary in accordance with the provisions of paragraphs 16 through 22 above. Except where a beneficiary has been designated, in the event of death of the transferee prior to option exercise, the transferee's option will be transferable by last will and testament or the laws of descent and distribution.

26. Except as modified by the provisions of paragraphs 23 through 25, all terms applicable to option exercises by Participants are applicable to exercises by transferees. The Plan administrator may make and publish additional rules applicable to exercises by transferees not inconsistent with these provisions.

#### ***Adjustments***

27. In the event of an Equity Restructuring, the Committee will equitably adjust the Stock Option as it deems appropriate to reflect the Equity Restructuring, which may include (i) adjusting the number and type of securities subject to the Stock Option; and (ii) adjusting the terms and conditions of the Stock Option, including the exercise price. The adjustments provided under this paragraph 27 will be nondiscretionary and final and binding on all interested parties, including the affected Participant and the Company; provided that the Committee will determine whether an adjustment is equitable.

#### ***Repayment/Forfeiture***

28. Notwithstanding anything to the contrary herein, pursuant to Section 15(e) of the Plan the Committee has full power and authority, to the extent permitted by governing law, to determine that a Stock Option will be canceled or suspended at any time prior to a Change in Control: (i) if the Participant, without the consent of the Committee, while employed by the Company or a Subsidiary or after termination of such employment, becomes associated with, employed by, renders services to or owns any interest (other than an interest of up to 5% in a publicly traded company or any other nonsubstantial interest, as determined by the Committee) in any business that is in competition with the Company or any Subsidiary; (ii) in the event of the Participant's willful engagement in conduct which is injurious to the Company or any Subsidiary, monetarily or otherwise; (iii) in the event of an Executive Officer's misconduct described in Section 15(f) of the Plan; or (iv) in order to comply with applicable laws as

described in Section 15(h) of the Plan.

Further, as an additional condition of receiving the Stock Option, the Participant agrees that the Stock Option and any benefits or proceeds the Participant may receive hereunder shall be subject to forfeiture and/or repayment to the Company to the extent required (i) under the terms of any recoupment or “clawback” policy adopted by the Company to comply with applicable laws or with the Company’s Corporate Governance Guidelines or other similar requirements, as such policy may be amended from time to time (and such requirements shall be deemed incorporated into the Award Agreement without the Participant’s consent) or (ii) to comply with any requirements imposed under applicable laws and/or the rules and regulations of the securities exchange or inter-dealer quotation system on which the Shares are listed or quoted, including, without limitation, pursuant to Section 954 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. Further, if the Participant receives any amount in excess of what the Participant should have received under the terms of the Stock Option for any reason (including without limitation by reason of a financial restatement, mistake in calculations or administrative error), all as determined by the Committee, then the Participant shall be required to promptly repay any such excess amount to the Company.

#### ***Miscellaneous Provisions***

29. *Stock Exchange Requirements; Applicable Laws.* Notwithstanding anything to the contrary in the Award Agreement, no Shares purchased upon exercise of the Stock Option, and no certificate representing all or any part of such Shares, shall be issued or delivered if, in the opinion of counsel to the Company, such issuance or delivery would cause the Company to be in violation of, or to incur liability under, any securities law, or any rule, regulation or procedure of any U.S. national securities exchange upon which any securities of the Company are listed, or any listing agreement with any such securities exchange, or any other requirement of law or of any administrative or regulatory body having jurisdiction over the Company or a Subsidiary.

30. *Shareholder Rights.* No person or entity shall be entitled to vote, receive dividends or be deemed for any purpose the holder of any Shares until the Stock Option shall have been duly exercised to purchase such Shares in accordance with the provisions of the Award Agreement.

31. *Notices.* Any notice required or permitted under the Award Agreement shall be in writing and shall be deemed sufficient when delivered personally or sent by confirmed email, telegram, or fax or five days after being deposited in the mail, as certified or registered mail, with postage prepaid, and addressed to the Company at the Company’s principal corporate offices or to the Participant at the address maintained for the Participant in the Company’s records or, in either case, as subsequently modified by written notice to the other party.

32. *Severability and Judicial Modification.* If any provision of the Award Agreement is held to be invalid or unenforceable under the applicable laws of any country, state, province, territory or other political subdivision or the Company elects not to enforce such restriction, the remaining provisions shall remain in full force and effect and the invalid or unenforceable provision shall be modified only to the extent necessary to render that provision valid and enforceable to the fullest extent permitted by law. If the invalid or unenforceable provision cannot be, or is not, modified, that provision shall be severed from the Award Agreement and all other provisions shall remain valid and enforceable.

33. *Successors.* The Award Agreement shall be binding upon and inure to the benefit of the Company and its successors and assigns, on the one hand, and the Participant and his or her heirs, beneficiaries, legatees and personal representatives, on the other hand.

34. *Appendices.* Notwithstanding any provisions in the Award Agreement, for Participants residing and/or working outside the United States, the Stock Option shall be subject to the additional terms and conditions set forth in Appendix A to the Award Agreement and to any special terms and conditions for the Participant’s country set forth in Appendix B to the Award Agreement. Moreover, if the Participant relocates outside the United States or relocates between the countries included in Appendix B, the additional terms and conditions set forth in Appendix A and the special terms and conditions for such country set forth in Appendix B will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. The Appendices constitutes part of the Award Agreement.

35. *Imposition of Other Requirements.* The Company reserves the right to impose other requirements on the Participant’s participation in the Plan, on the Stock Option and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable for legal or administrative reasons, and to require the Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.

36. *Waiver.* A waiver by the Company of breach of any provision of the Award Agreement shall not operate or be construed as a waiver of any other provision of the Award Agreement, or of any subsequent breach by the Participant or any other Participant.

37. *No Advice Regarding Award.* The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of the underlying Shares. The Participant is hereby advised to consult with the Participant's own personal tax, legal and financial advisors regarding the Participant's participation in the Plan before taking any action related to the Plan.

38. *Governing Law and Venue.* As stated in the Plan, the Stock Option and the provisions of the Award Agreement and all determinations made and actions taken thereunder, to the extent not otherwise governed by the laws of the United States, shall be governed by the laws of the State of New York, United States of America, without reference to principles of conflict of laws, and construed accordingly. The jurisdiction and venue for any disputes arising under, or any actions brought to enforce (or otherwise relating to), the Stock Option will be exclusively in the courts in the State of New York, County of New York, including the Federal Courts located therein (should Federal jurisdiction exist).

39. *Electronic Delivery and Acceptance.* The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.

40. *Entire Agreement.* The Award Agreement and the Plan embody the entire understanding and agreement of the parties with respect to the subject matter hereof, and no promise, condition, representation or warranty, express or implied, not stated or incorporated by reference herein, shall bind either party hereto.

#### *Acceptance of Award*

41. As permitted by Section 15(c) of the Plan, receipt of this Award of Stock Options is subject to the Participant's acceptance of the Stock Option and the terms of this Award Agreement and the Plan through Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) and/or through such other procedures as may be required by the Company (Participant's "Acceptance"). **To avoid forfeiture of the Stock Option award, the Participant must provide such Acceptance within 6 months of the grant date of the Stock Option.** The date as of which the Participant's Stock Option shall be forfeited, if the Participant has not provided such Acceptance, will generally be set forth in the Participant's account at Merrill Lynch's OnLine<sup>®</sup> website. If the Participant does not provide Acceptance within this 6 month period, the Award of Stock Options will be cancelled in accordance with any administrative procedures adopted under the Plan.

**APPENDIX A TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Stock Option Award Agreement  
For Non-U.S. Participants**

This Appendix A contains additional (or, if so indicated, different) terms and conditions that govern the Stock Option if the Participant resides and/or works outside of the United States. Capitalized terms used but not defined herein shall have the same meanings assigned to them in the Plan and the Global Stock Option Award Agreement (the "Award Agreement").

A. *Termination.* This provision supplements paragraph 7 of the Award Agreement.

The Company will determine when the Participant is no longer providing services for purposes of the Stock Option (including whether the Participant may still be considered to be providing services while on a leave of absence).

B. *Responsibility for Taxes.* This provision replaces paragraphs 12 through 15 of the Award Agreement (except if the Participant is a Section 16 Insider).

The Participant acknowledges that, regardless of any action taken by the Company or, if different, the Subsidiary that employs the Participant (the "Employer"), the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to the Participant's participation in the Plan and legally applicable to the Participant ("Tax-Related Items") is and remains the Participant's responsibility and may exceed the amount actually withheld by the Company or the Employer. The Participant further acknowledges that the Company and/or the Employer (a) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Stock Option, including, but not limited to, the grant, vesting or exercise of the Stock Option, the subsequent sale of Shares acquired upon exercise of the Stock Option and the receipt of any dividends; and (b) do not commit to and are under no obligation to structure the terms of the Stock Option or any aspect of the Stock Option to reduce or eliminate the Participant's liability for Tax-Related Items or achieve any particular tax result. The Participant shall not make any claim against the Company, the Employer or any other Subsidiary, or their respective board, officers or employees related to Tax-Related Items arising from the Stock Option. Furthermore, if the Participant has become subject to tax in more than one jurisdiction, the Participant acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction.

Prior to any relevant taxable or tax withholding event, as applicable, the Participant will pay or make adequate arrangements satisfactory to the Company and/or the Employer to satisfy all Tax-Related Items. In this regard, the Participant authorizes the Company and/or the Employer, or their respective agents, at their discretion, to satisfy their withholding obligations with regard to all Tax-Related Items by: (i) requiring a cash payment from the Participant; (ii) withholding from the Participant's wages or other cash compensation paid to the Participant by the Company and/or the Employer, (iii) withholding from the proceeds of the sale of Shares acquired pursuant to the Stock Option, either through a voluntary sale or through a mandatory sale arranged by the Company (on the Participant's behalf pursuant to this authorization without further consent); and/or (iv) withholding from the Shares to be issued upon exercise of the Stock Option.

Depending on the withholding method, the Company may withhold or account for Tax-Related Items by considering applicable minimum statutory withholding rates or other applicable withholding rates, including maximum applicable rates, in which case the Participant may receive a refund of any over-withheld amount in cash (with no entitlement to the Share equivalent) or, if not refunded, the Participant may seek a refund from the local tax authorities. If the obligation for Tax-Related Items is satisfied by withholding in Shares, the Participant is deemed, for tax purposes, to have been issued the full number of Shares upon exercise of the Stock Option, notwithstanding that a number of the Shares is held back solely for the purpose of paying the Tax-Related Items.

Finally, the Participant shall pay to the Company and/or the Employer any amount of Tax-Related Items that the Company and/or the Employer may be required to withhold or account for as a result of the Participant's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares if the Participant fails to comply with his or her obligations in connection with the Tax-Related Items.

C. *Nature of Award.* In accepting the Stock Option, the Participant acknowledges, understands and agrees that:

a. the Plan is established voluntarily by the Company, is discretionary in nature and may be modified, amended, suspended, or terminated by the Company at any time, to the extent permitted by the Plan;

- b. this Award of Stock Options is exceptional, voluntary and occasional and does not create any contractual or other right to receive future Stock Options, or benefits in lieu of Stock Options, even if Stock Options have been granted in the past;
- c. all decisions with respect to future Stock Options or other Awards, if any, will be at the sole discretion of the Company;
- d. this Award of Stock Options and the Participant's participation in the Plan shall not create a right to, or be interpreted as forming an employment or service contract with the Company and shall not interfere with the ability of the Employer to terminate the Participant's employment contract (if any) at any time;
- e. the Participant's participation in the Plan is voluntary;
- f. this Award of Stock Options and the Shares acquired under the Plan, and the income from and value of same, are not intended to replace any pension rights or compensation;
- g. this Award of Stock Options and the Shares acquired under the Plan, and the income from and value of same, are not part of normal or expected compensation or salary for any purposes, including, without limitation, calculating any severance, resignation, termination, redundancy, dismissal, end-of-service payments, bonuses, long-service awards, pension or retirement or welfare benefits or similar payments;
- h. if the underlying Shares do not increase in value, the Stock Option will have no value;
- i. if the Participant exercise the Stock Option and acquires Shares, the value of such Shares may increase or decrease in value, even below the exercise price;
- j. the future value of the Shares subject to the Stock Option is unknown, indeterminable and cannot be predicted with certainty;
- k. unless otherwise agreed with the Company, Stock Options and the Shares acquired under the Plan, and the income from and value of same, are not granted as consideration for, or in connection with, the service the Participant may provide as a director of any Subsidiary;
- l. no claim or entitlement to compensation or damages shall arise from forfeiture of any portion of this Award of Stock Options resulting from termination of the Participant's employment and/or service relationship (for any reason whatsoever and regardless of whether later found to be invalid or in breach of applicable laws in the jurisdiction where the Participant is employed or the terms of the Participant's employment agreement, if any);
- m. unless otherwise provided in the Plan or by the Company in its discretion, this Award of Stock Options and the benefits under the Plan evidenced by the Award Agreement do not create any entitlement to have this Award of Stock Options or any such benefits transferred to, or assumed by, another company nor to be exchanged, cashed out or substituted for, in connection with any corporate transaction affecting the Shares; and
- n. neither the Company, the Employer nor any other Subsidiary shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Stock Option or of any amounts due to the Participant pursuant to the Stock Option or the subsequent sale of any Shares acquired under the Plan.

***D. Data Privacy. The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Participant's personal data as described in the Award Agreement and any other grant materials by and among, as applicable, the Company, the Employer and any other Subsidiary for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan.***

***The Participant understands that the Company and the Employer may hold certain personal information about the Participant, including, but not limited to, the Participant's name, home address, email address and telephone number, date of birth, social insurance number, passport or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all Stock Options or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan.***

*The Participant understands that Data may be transferred to Merrill Lynch, which is assisting the Company with the implementation, administration and management of the Plan. The Participant understands that the recipients of Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Participant's country. The Participant understands that the Participant may request a list with the names and addresses of any potential recipients of Data by contacting the Participant's local human resources representative. The Participant authorizes the Company, Merrill Lynch and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Participant's participation in the Plan. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan. The Participant understands that the Participant may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing the Participant's local human resources representative. Further, the Participant understands that the Participant is providing the consents herein on a purely voluntary basis. If the Participant does not consent, or if the Participant later seeks to revoke the Participant's consent, the Participant's employment and career with the Employer will not be affected; the only consequence of refusing or withdrawing the Participant's consent is that the Company would not be able to grant this Award of Stock Options or other Awards to the Participant or administer or maintain such Awards. Therefore, the Participant understands that refusing or withdrawing the Participant's consent may affect the Participant's ability to participate in the Plan. For more information on the consequences of the Participant's refusal to consent or withdrawal of consent, the Participant understands that the Participant may contact the Participant's local human resources representative.*

*Finally, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form (or any other agreements or consents) that the Company and/or the Employer may deem necessary to obtain from the Participant for the purpose of administering the Participant's participation in the Plan in compliance with the data privacy laws in the Participant's country, either now or in the future. The Participant understands and agrees that he or she will not be able to participate in the Plan if the Participant fails to provide such consent or agreement as requested by the Company and/or the Employer.*

*E. Retirement.* Notwithstanding paragraph 7 of the Award Agreement, if the Company receives an opinion of counsel that there has been a legal judgment and/or legal development in the Participant's jurisdiction that would likely result in the favorable treatment applicable to the Stock Option pursuant to paragraph 7 being deemed unlawful and/or discriminatory, then the Company will not apply the favorable treatment at the time of the Participant's retirement, and the Stock Option will be treated as set forth in the remaining provisions of paragraph 7 of the Award Agreement.

*F. Language.* The Participant acknowledges that he or she is sufficiently proficient in English to understand the terms and conditions of the Award Agreement. Further, if the Participant has received the Award Agreement, or any other document related to this Award of Stock Option and/or the Plan translated into a language other than English and if the meaning of the translated version is different than the English version, the English version will control.

*G. Insider Trading Restrictions/Market Abuse Laws.* The Participant acknowledges that, depending on his or her country, or the broker's country, or the country in which the Shares are listed, the Participant may be subject to insider trading restrictions and/or market abuse laws in applicable jurisdictions, which may affect his or her ability to accept, acquire or sell, or attempt to sell or otherwise dispose of Shares or rights to Shares (e.g., Stock Options), or rights linked to the value of Shares, during such times as he or she is considered to have "inside information regarding the Company (as defined by the applicable laws or regulations in applicable jurisdictions, including the United States and the Participant's country). Local insider trading laws and regulations may prohibit the cancellation or amendment of orders the Participant placed before possessing inside information. Furthermore, the Participant may be prohibited from (i) disclosing the inside information to any third party, including fellow employees (other than on a "need to know" basis) and (ii) "tipping" third parties or causing them to buy or sell securities. Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should consult his or her personal advisor on this matter.

H. *Foreign Asset/Account Reporting Requirements, Exchange Controls and Tax Requirements.* The Participant acknowledges that his or her country may have certain foreign asset and/or account reporting requirements and exchange controls which may affect his or her ability to acquire or hold Shares under the Plan or cash received from participating in the Plan (including from any dividends received or sale proceeds arising from the sale of Shares) in a brokerage or bank account outside his or her country. The Participant understands that he or she may be required to report such accounts, assets or transactions to the tax or other authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of the Participant's participation in the Plan to his or her country through a designated bank or broker and/or within a certain time after receipt. In addition, the Participant may be subject to tax payment and/or reporting obligations in connection with any income realized under the Plan and/or from the sale of Shares. The Participant acknowledges that it is his or her responsibility to be compliant with all such requirements, and that the Participant should consult his or her personal legal and tax advisors, as applicable, to ensure the Participant's compliance.

**APPENDIX B TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Stock Option Award Agreement  
For Non-U.S. Participants**

Capitalized terms used but not defined in this Appendix B have the meanings set forth in the Plan and the Global Stock Option Award Agreement (the "Award Agreement").

***Terms and Conditions***

This Appendix B includes special terms and conditions that govern the Stock Option if the Participant resides and/or works in one of the countries listed below.

If the Participant is a citizen or resident of a country other than the country in which the Participant is currently residing and/or working, or if the Participant transfers to another country after the grant of the Stock Option or is considered a resident of another country for local law purposes, the Committee shall, in its discretion, determine to what extent the special terms and conditions contained herein shall be applicable to the Participant.

***Notifications***

This Appendix B also includes information regarding exchange controls, tax and certain other issues of which the Participant should be aware with respect to participation in the Plan. The information is based on the securities, exchange control, tax and other laws in effect in the respective countries as of December 2017. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information in this Appendix B as the only source of information relating to the consequences of participation in the Plan because the information may be out of date at the time the Participant exercises the Stock Option or sells Shares acquired under the Plan.

In addition, the information contained herein is general in nature and may not apply to the Participant's particular situation and the Company is not in a position to assure the Participant of any particular result. Accordingly, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant's country may apply to his or her situation.

Finally, if the Participant is a citizen or resident of a country other than the country in which the Participant currently works and/or resides, or if the Participant transfers to another country after the grant of the Stock Option, or is considered a resident of another country for local law purposes, the information contained herein may not be applicable to the Participant in the same manner.

**AUSTRALIA**

***Terms and Conditions***

Australia Offer Document.

The grant of Stock Options is intended to comply with the provisions of the Corporations Act, 2011, Australian Securities & Investments Commission ("ASIC") Regulatory Guide 49 and ASIC Class Order 14/1000. Additional details are set forth in the Offer Document to Australian resident employees, which is being provided to the Participant with the Award Agreement.

***Notifications***

Exchange Control Information.

Exchange control reporting is required for cash transactions exceeding A\$10,000 and for international fund transfers. If an Australian bank is assisting with the transaction, the bank will file the report on the Participant's behalf.

Tax Information.

The Plan is a plan to which Subdivision 83A-C of the Income Tax Assessment Act 1997 (Cth) applies (subject to conditions in the Act).



## **AUSTRIA**

### ***Notifications***

#### Exchange Control Information.

If the Participant holds Shares obtained through the Plan outside of Austria, the Participant must submit a report to the Austrian National Bank. An exemption applies if the value of the Shares as of any given quarter does not meet or exceed €30,000,000 or as of December 31 does not meet or exceed €5,000,000. If the former threshold is exceeded, quarterly obligations are imposed, whereas if the later threshold is exceeded, annual reports must be given. If quarterly reporting is required, the reports must be filed by the fifteen day of the month following the last day of the respective quarter. The annual reporting date is December 31 and the deadline for filing the annual report is January 31 of the following year.

When Shares are sold or cash dividend or dividend equivalent payments are received, there may be exchange control obligations if the cash received is held outside of Austria. If the transaction volume of all the Participant's accounts abroad meets or exceeds €10,000,000, the movements and balances of all accounts must be reported monthly, as of the last day of the month, on or before the fifteen of the following month.

## **BELGIUM**

### ***Terms and Conditions***

#### Accepting the Stock Option.

The tax consequences to the Participant vary depending upon when the Participant accepts the Stock Option. Based on the current interpretation of Belgian tax law by the Belgian Minister of Finance, if the Participant accepts the Stock Option within 60 days from the offer date, the Participant will be subject to tax at the time of offer; or if the Participant accepts the Stock Option after 60 days from the offer date, the Participant will be subject to tax at the time of exercise. The Company is not in a position to provide the Participant with tax advice, so Participants should consult with his or her personal tax advisor to determine when the Participant should accept the Stock Option. The choice is at the Participant's risk and neither the Company nor any of its Subsidiaries may be held liable for damages, if any, that the Participant may incur should the Minister of Finance's interpretation not be upheld (with respect to taxation at exercise for Stock Option awards accepted after 60 days following the offer date).

The Participant is strongly encouraged to consult his or her tax advisor in deciding which choice to make with respect to the Stock Option.

### ***Notifications***

#### Foreign Asset/Account Reporting Information.

If the Participant is a Belgian resident, the Participant is required to report any bank accounts opened and maintained outside of Belgium (*e.g.*, brokerage accounts opened in connection with the Plan) on his or her annual tax return. In a separate report, the Participant is required to provide the National Bank of Belgium with certain details regarding such foreign accounts (including the account number, bank name and country in which any such account was opened). This report, as well as additional information on how to complete it, can be found on the website of the National Bank of Belgium, [www.nbb.be](http://www.nbb.be), under *Kredietcentrales / Centrales des crédits* caption. The Participant should consult with his or her personal tax advisor to determine his or her personal reporting obligations.

#### Stock Exchange Tax.

From January 1, 2017, a stock exchange tax applies to transactions executed through a non-Belgian financial intermediary. The stock exchange tax will likely apply when the Shares are sold. The Participant should consult with his or her personal tax advisor to determine his or her obligations with respect to the stock exchange tax.

## **BRAZIL**

### ***Terms and Conditions***

#### Compliance with Law.

By accepting the Stock Option, the Participant acknowledges that he or she agrees to comply with applicable Brazilian laws and to pay any and all applicable taxes associated with the exercise of the Stock Options, the sale of the Shares acquired under the Plan and the receipt of any dividends.

#### Acknowledgment of Nature of the Grant.

This provision supplements paragraph C “Nature of Award” of Appendix A:

By accepting and/or exercising the Stock Option, the Participant agrees that he or she is making an investment decision, the Stock Option may be exercised only if the vesting conditions are met and any necessary services are rendered by the Participant over the vesting period, and the value of the underlying Shares is not fixed and may increase or decrease in value without compensation to the Participant.

### ***Notifications***

#### Exchange Control Information.

If the Participant is a resident of or domiciled in Brazil, he or she will be required to submit an annual declaration of assets and rights held outside of Brazil to the Central Bank of Brazil if the aggregate value of the assets and rights is equal to or greater than US\$100,000. If such amount exceeds US\$100,000,000, the declaration must be submitted quarterly. Assets and rights that must be reported include Shares acquired under the Plan.

#### Tax on Financial Transactions (IOF).

The remittance of funds from Brazil, the repatriation of funds (*e.g.*, sale proceeds) into Brazil and the conversion of USD into BRL associated with such fund transfers may be subject to the Tax on Financial Transactions. It is the Participant’s responsibility to comply with any applicable Tax on Financial Transactions arising from the Participant’s participation in the Plan. The Participant should consult with his or her personal tax advisor for additional details.

## **CANADA**

### ***Terms and Conditions***

#### Payment of Exercise Price and Tax-Related Items.

Notwithstanding any provision in the Plan or the Award Agreement (including Appendix A), the Participant is prohibited from delivering Shares that have been owned by the Participant to pay the exercise price or Tax-Related Items in connection with the Stock Option.

#### Termination of Service. The following provision replaces paragraph A “Termination” of Appendix A.

For purposes of the Stock Option, the Participant’s employment relationship will be considered terminated (regardless of the reason for such termination and whether or not later found to be invalid or in breach of Canadian laws or the terms of the Participant’s employment agreement, if any) effective as of the date that is the earlier of (i) the date of the Participant’s termination, (ii) the date the Participant receives notice of termination, or (iii) the date the Participant is no longer actively providing service and will not be extended by any notice period (*e.g.*, active service would not include any contractual notice period or any period of “garden leave” or similar period mandated under Canadian laws or the terms of the Participant’s employment agreement, if any). Unless otherwise expressly provided in the Award Agreement or determined by the Company, the Participant’s right to vest in the Stock Option, if any, will terminate effective as of such date and any period to exercise the Stock Option after termination will start to run on such date. The Committee shall have the exclusive discretion to determine when the Participant is no longer actively providing service for purposes of the Stock Option (including whether the Participant may still be considered to be providing services while on a leave of absence).

*The Following Provisions Apply for Participants Resident in Quebec:*

Consent to Receive Information in English.

The Participant acknowledges that it is the express wish of the parties that the Award Agreement, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be written in English.

*Les parties reconnaissent avoir exigé la rédaction en anglais de Conditions d'attribution, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou intentés en vertu de, ou liés directement ou indirectement à, la présente convention.*

Authorization to Release and Transfer Necessary Personal Information. The following provision supplements paragraph D "Data Privacy" of Appendix A.

The Participant hereby authorizes the Company and the Company's representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company, any Subsidiary and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any Subsidiary to record such information and to keep such information in the Participant's employee file.

**Notifications**

Securities Law Information.

The Participant acknowledges that he or she is permitted to sell the Shares acquired under the Plan through the designated broker appointed by the Company, provided the sale of the Shares takes place outside of Canada through facilities of a stock exchange on which the Shares are listed (*i.e.*, the NYSE).

Foreign Asset/Account Reporting Information.

Canadian residents are required to report to the tax authorities certain foreign property (including Stock Options) on form T1135 (Foreign Income Verification Statement) if the total cost of the foreign property exceeds C\$100,000 at any time in the year. The form must be filed by April 30 of the following year. Stock Options must be reported-generally at a nil cost-if the C\$100,000 cost threshold is exceeded because of other foreign property the Participant holds. If Shares are acquired, their cost generally is the adjusted cost base ("ACB") of the Shares. The ACB would normally equal the fair market value of the Shares at exercise, but if the Participant owns other Shares, this ACB may have to be averaged with the ACB of the other Shares. The Participant should consult with his or her personal legal advisor to ensure compliance with applicable reporting obligations.

**CHINA**

**Terms and Conditions**

*The following terms and conditions will apply to Participants who are subject to exchange control restrictions and regulations in the People's Republic of China ("the PRC"), including the requirements imposed by the State Administration of Foreign Exchange ("SAFE"), as determined by the Company in its sole discretion:*

Cashless Exercise Restriction.

Notwithstanding anything to the contrary in the Award Agreement or the Plan, to facilitate compliance with exchange control laws in the PRC, the Participant will be required to exercise the Stock Option using a cashless sell-all exercise method whereby all Shares subject to the exercised Stock Option will be sold immediately upon exercise and the proceeds of sale, less the exercise price, any Tax-Related Items and broker's fees or commissions, will be remitted to the Participant in accordance with any applicable exchange control laws and regulations. The Participant will not be permitted to hold Shares after exercise. The Company reserves the right to provide additional methods of exercise to the Participant depending on the development of local law.

### Termination of Employment.

Due to exchange control laws in the PRC, notwithstanding any provision in the Plan or the Award Agreement, the Participant may be required to exercise any Stock Option within a certain period of time (determined by the Company) after termination. If the Stock Option is not exercised by the Participant by the end of this period, the Stock Option shall be forfeited and cancelled.

Furthermore, the Participant agrees that the Company reserves the right to require the sale of any Shares acquired at exercise of the Stock Option upon the termination of the Participant's employment for any reason. The Participant hereby authorizes the sale of all Shares issued to the Participant as soon as administratively practicable after the applicable termination of employment and pursuant to this authorization. The Participant further agrees that the Company is authorized to instruct its designated broker to assist with the mandatory sale of such Shares and the Participant expressly authorizes the Company's designated broker to complete the sale of such Shares. The Participant also agrees to sign any agreements, forms and/or consents that may be reasonably requested by the Company (or the designated broker) to effectuate the sale of the Shares (including, without limitation, as to the transfers of proceeds and other exchange control matters noted below) and shall otherwise cooperate with the Company with respect to such matters, provided that the Participant shall not be permitted to exercise any influence over and, when or whether the sales occur. The Participant acknowledges that the Company's designated broker is under no obligation to arrange for the sale of the Shares at any particular price. Due to currency exchange conversion rate fluctuation between the applicable exercise date of the Stock Option and (if later) the date on which the Shares are sold, the amount of proceeds ultimately distributed to the Participant may be more or less than the market value of the Shares on the applicable exercise date (which is the relevant amount for purposes of calculating amounts necessary to satisfy applicable Tax-Related Items). The Participant understands and agrees that the Company is not responsible for any amount of loss the Participant may incur and the Company assumes no liability for any fluctuations in the Share price and/or any applicable exchange rate.

Upon the sale of the Shares, the Company agrees to pay the cash proceeds from the sale (less any Tax-Related Items, brokerage fees and commissions) to the Participant in accordance with the applicable exchange control laws and regulations, including but not limited to the restrictions set forth in this Appendix B for China below under "Exchange Control Restrictions."

### Exchange Control Restrictions.

The Participant understands and agrees that, pursuant to local exchange control requirements, the Participant will be required to immediately repatriate any cash payments or proceeds obtained with respect to participation in the Plan to the PRC. The Participant further understands that such repatriation of any cash payments or proceeds may need to be effectuated through a special exchange control account established by the Company or any Subsidiary, and the Participant hereby consents and agrees that any payment or proceeds may be transferred to such special account prior to being delivered to the Participant.

Any payment or proceeds may be paid to the Participant in U.S. dollars or local currency at the Company's discretion. If the payments or proceeds are paid to the Participant in U.S. dollars, the Participant will be required to set up a U.S. dollar bank account in the PRC (if the Participant does not already have one) so that the payments or proceeds may be deposited into this account. If the payments or proceeds are paid to the Participant in local currency, the Company is under no obligation to secure any particular currency exchange rate and the Company may face delays in converting the payments or proceeds to local currency due to exchange control restrictions. The Participant agrees to bear any currency exchange rate fluctuation risk between the time the cash proceeds are received and the time the cash proceeds are distributed to the Participant through the special account described above. The Participant further agrees to comply with any other requirements that may be imposed by the Company in the future to facilitate compliance with exchange control requirements in the PRC.

### Exchange Control Information.

PRC residents may be required to report to SAFE all details of their foreign financial assets and liabilities, as well as details of any economic transactions conducted with non-PRC residents.

## FRANCE

### **Terms and Conditions**

#### Language Consent.

By accepting the Stock Option and the Award Agreement, which provide for the terms and conditions of the Stock Option, the Participant confirms having read and understood the documents relating to this Award (the Plan and the Award Agreement, including the Appendices) which were provided to the Participant in English. The Participant accepts the terms of those documents accordingly.

*En acceptant l'attribution d'une Stock Option et ce Contrat d'Attribution qui contient les termes et conditions de Stock Option, le Participant confirme avoir lu et compris les documents relatifs à cette attribution (le Plan et le Contrat d'Attribution, ainsi que les Annexes) qui ont été transmis au Participant en langue anglaise. Le Participant accepte ainsi les conditions et termes de ces documents.*

### **Notifications**

#### Tax Information.

The Stock Options are not intended to be French tax-qualified awards.

#### Foreign Asset/Account Reporting Information.

French residents are required to report all foreign accounts (whether open, current or closed) to the French tax authorities when filing their annual tax returns. The Participant should consult his or her personal advisor to ensure compliance with applicable reporting obligations.

## GERMANY

### **Notifications**

#### Exchange Control Information.

If the Participant receives cross-border payments in excess of €12,500 in connection with the sale of securities (including Shares acquired under the Plan) or the receipt of any dividends or dividend equivalent payments, such payment must be reported monthly to the German Federal Bank (*Bundesbank*). The Participant is responsible for the reporting obligation and should file the report electronically by the fifth day of the month following the month in which the payment is made. A copy of the report ("*Allgemeines Meldeportal Statistik*") can be accessed via Bundesbank's website ([www.bundesbank.de](http://www.bundesbank.de)) and is available in both German and English.

## HUNGARY

There are no country-specific provisions.

## INDIA

#### Exchange Control Information.

Indian residents are required to repatriate to India all proceeds received from the sale of Shares within 90 days of receipt and any dividends or dividend equivalent payments within 180 days of receipt, or within such other period of time as may be required under applicable regulations. The Participant must maintain the foreign inward remittance certificate received from the bank where the foreign currency is deposited in the event that the Reserve Bank of India or the Company requests proof of repatriation. It is the Participant's responsibility to comply with applicable exchange control laws in India.

### Foreign Asset/Account Reporting Information.

The Participant is required to declare any foreign bank accounts and any foreign financial assets (including Shares held outside India) in the Participant's annual tax return. The Participant is responsible for complying with this reporting obligation and should confer with his or her personal tax advisor in this regard.

## **JAPAN**

### ***Notifications***

#### Exchange Control Information.

Japanese residents purchasing Shares valued at more than ¥100,000,000 in a single transaction must file a Securities Acquisition Report with the Ministry of Finance through the Bank of Japan within 20 days of the acquisition of the Shares.

In addition, Japanese resident Participants paying more than ¥30,000,000 in a single transaction for the purchase of Shares when the resident Participant exercises the Stock Option must file a Payment Report with the Ministry of Finance through the Bank of Japan within 20 days of the date that the payment is made. The precise reporting requirements vary depending on whether or not the relevant payment is made through a bank in Japan.

Please note that a Payment Report is required independently from a Securities Acquisition Report; therefore, the Japanese resident Participant must file both a Payment Report and a Securities Acquisition Report if the total amount that the resident Participant pays in a single transaction for exercising the Stock Option and purchasing Shares exceeds ¥100,000,000.

#### Foreign Asset/Account Reporting Information.

The Participant will be required to report details of any assets held outside of Japan as of December 31 (including any Shares acquired under the Plan) to the extent such assets have a total net fair market value exceeding ¥50,000,000. Such report will be due by March 15 of the following year. The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies to the Participant and whether the Participant will be required to report details of any outstanding Stock Options, Shares or cash held by the Participant in the report.

## **KOREA**

### ***Notifications***

#### Exchange Control Information.

Exchange control laws require Korean residents who realized US\$500,000 or more from the sale of Shares or the receipt of dividends in a single transaction before July 18, 2017 to repatriate the proceeds back to Korea within three years of the sale/receipt.

#### Foreign Asset/Account Reporting Information.

If the Participant is a Korean resident, the Participant must declare all of his or her foreign financial accounts (including any brokerage account) to the Korean tax authority and file a report with respect to such accounts if the value of such accounts exceeds KRW 1 billion (or an equivalent amount in foreign currency). The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies.

## **MEXICO**

### ***Terms and Conditions***

#### Policy Statement.

The Stock Option is a unilateral and discretionary award and, therefore, the Company reserves the absolute right to amend it and discontinue it at any time without any liability.

The Company, with offices at 390 Park Avenue, New York City, New York, 10022 U.S.A., is solely responsible for the administration of the Plan, and participation in the Plan and the Stock Option does not, in any way, establish an employment relationship between the Participant and the Company since the Participant is participating in the Plan on a wholly commercial basis and the sole employer is a Mexican Subsidiary, nor does it establish any rights between the Participant and the Employer.

#### Plan Document Acknowledgment.

By accepting the Stock Option, the Participant acknowledges that he or she has received copies of the Plan, has reviewed the Plan and the Award Agreement in their entirety, and fully understands and accepts all provisions of the Plan and the Award Agreement, including the Appendices.

In addition, the Participant expressly approves that: (i) participation in the Plan does not constitute an acquired right; (ii) the Plan and participation in the Plan is offered by the Company on a wholly discretionary basis; (iii) participation in the Plan is voluntary; and (iv) neither the Company nor any Subsidiary is responsible for any decrease in the value of the Shares acquired upon exercise of the Stock Option.

Finally, the Participant hereby declares that he or she does not reserve any action or right to bring any claim against the Company for any compensation or damages as a result of his or her participation in the Plan and therefore grant a full and broad release to the Employer, the Company and its other Subsidiaries with respect to any claim that may arise under the Plan.

#### Spanish Translation

##### Declaración de Política.

*El otorgamiento de la Opción es unilateral y discrecional y, por lo tanto, la Compañía se reserva el derecho absoluto de modificar y discontinuar el mismo en cualquier momento, sin responsabilidad alguna.*

*La Compañía, con oficinas registradas ubicadas en 390 Park Avenue, New York, New York, 10022, EE.UU., es únicamente responsable por la administración del Plan, y el otorgamiento de la Opción no establece de forma alguna una relación de trabajo entre el Participante y la Compañía, ya que el Participante está participando en el Plan es sobre una base totalmente comercial, y el único patrón es una Afiliado Mexicana y tampoco establece ningún derecho entre usted y el Patrón.*

##### Reconocimiento del Documento del Plan.

*Al aceptar el otorgamiento de la Opción, el Participante reconoce que ha recibido copias del Plan, ha revisado el Plan y los Términos del Otorgamiento en su totalidad, y que entiende y acepta completamente todas las disposiciones contenidas en el Plan y en los Términos del Otorgamiento, incluyendo los Apéndices.*

*Adicionalmente, el Participante aprueba expresamente que: (i) la participación en el Plan no constituye un derecho adquirido; (ii) el Plan y la participación en el Plan se ofrecen por la Compañía de forma totalmente discrecional; (iii) la participación en el Plan es voluntaria; y (iv) la Compañía, cualquier Filial y el Patrón no son responsables por ninguna disminución en el valor de las Acciones que se adquieran al ejercer la Opción.*

*Finalmente, el Participante declara que no se reserva ninguna acción o derecho alguno para interponer una reclamación o demanda en contra de la Compañía por compensación, daño o perjuicio alguno como resultado de su participación en el Plan y, por lo tanto, otorga el más amplio y total finiquito al Patrón, a Compañía y sus Filiales en relación con cualquier reclamación o demanda que pudiera surgir de conformidad con el Plan.*

#### **NETHERLANDS**

There are no country-specific provisions.

## **RUSSIA**

### ***Terms and Conditions***

#### U.S. Transaction.

The Participant understands that the grant of the Stock Option is a right to receive Shares if certain conditions are met and that the offer is made by the Company in the United States. Upon exercise of the Stock Option, any Shares to be issued to the Participant shall be delivered to the Participant through a brokerage account in the United States. The Participant is not permitted to sell Shares directly to other Russian legal entities or residents.

### ***Notifications***

#### Exchange Control Information.

Under current exchange control regulations, within a reasonably short time after the sale of Shares acquired upon exercise or the receipt of dividend equivalent payments, the Participant is required to repatriate such funds received in connection with the Plan to the Participant's bank account in Russia prior to using those proceeds for any purpose including reinvestments. Such proceeds must be initially credited to the Participant through a foreign currency account at an authorized bank in Russia. After the proceeds are initially received in Russia, they may be further remitted to foreign banks in accordance with Russian exchange control laws. The Participant is strongly encouraged to contact the Participant's personal advisor to confirm the applicable Russian exchange control rules because significant penalties may apply in the case of non-compliance and because exchange control requirements may change.

#### Securities Law Information.

The grant of the Stock Option and the distribution of the Plan and all other materials the Participant may receive regarding participation in the Plan do not constitute an offering or the advertising of securities in Russia. The issuance of Shares pursuant to the Plan has not and will not be registered in Russia and, therefore, the Shares may not be used for an offering or public circulation in Russia. In no event will Shares be delivered to the Participant in Russia; all Shares acquired under the Plan will be maintained on the Participant's behalf in the United States.

#### Data Privacy Acknowledgement.

The Participant hereby acknowledges that he or she has read and understands the terms regarding collection, processing and transfer of Data contained in Appendix A to the Award Agreement and by participating in the Plan, the Participant agrees to such terms. In this regard, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form to the Company or the Employer (or any other agreements or consents that may be required by the Company or the Employer) that the Company and/or the Employer may deem necessary to obtain under the data privacy laws of Russia, either now or in the future.

#### Labor Law Information.

If the Participant continues to hold Shares after involuntary termination, the Participant may not be eligible to receive unemployment benefits in Russia.

#### Anti-Corruption Legislation Information.

Individuals holding public office in Russia, as well as their spouses and dependent children, may be prohibited from opening or maintaining a foreign brokerage or bank account and holding any securities, whether acquired directly or indirectly, in a foreign company (including Shares acquired under the Plan). The Participant is strongly advised to consult with his or her personal legal advisor to determine whether the restriction applies to the Participant.

## **SPAIN**

### No Entitlement for Claims or Compensation.

The following provisions supplement paragraph A "Termination" of Appendix A:



By accepting the Stock Option, the Participant consents to participation in the Plan and acknowledges that Participant has received a copy of the Plan.

The Participant understands and agrees that, as a condition of the grant of the Stock Option, if the Participant's employment terminates, unless otherwise provided in the Award Agreement or by the Company, any unvested Stock Options shall be forfeited without entitlement to the underlying Shares or to any amount as indemnification in the event of a termination, including, but not limited to: resignation, disciplinary dismissal adjudged to be with cause, disciplinary dismissal adjudged or recognized to be without cause, individual or collective layoff on objective grounds, whether adjudged to be with cause or adjudged or recognized to be without cause, material modification of the terms of employment under Article 41 of the Workers' Statute, relocation under Article 40 of the Workers' Statute, Article 50 of the Workers' Statute, unilateral withdrawal by the Employer, and under Article 10.3 of Royal Decree 1382/1985.

The Participant understands that the Company has unilaterally, gratuitously and in its sole discretion decided to grant Stock Options under the Plan to individuals who may be Employees of the Company or a Subsidiary. The decision is limited and entered into based upon the express assumption and condition that any grant will not economically or otherwise bind the Company or its Subsidiaries, including the Employer, on an ongoing basis, other than to the extent set forth in the Award Agreement. Consequently, the Participant understands that the Stock Option is granted on the assumption and condition that the Stock Option and any Shares issued upon exercise are not part of any employment or service agreement (either with the Company or any Subsidiary, including the Employer) and shall not be considered a mandatory benefit, salary for any purposes (including severance compensation) or any other right whatsoever. Furthermore, the Participant understands and freely accepts that there is no guarantee that any benefit whatsoever shall arise from the grant of the Stock Option, which is gratuitous and discretionary, since the future value of the Stock Option and the underlying Shares is unknown and unpredictable. The Participant also understands that the grant of the Stock Option would not be made but for the assumptions and conditions set forth hereinabove; thus, the Participant understands, acknowledges and freely accepts that, should any or all of the assumptions be mistaken or any of the conditions not be met for any reason, the Stock Option and any right to the underlying Shares shall be null and void.

### **Notifications**

#### Securities Law Information.

No "offer of securities to the public", as defined under Spanish law, has taken place or will take place in the Spanish territory with respect to the Stock Option. No public offering prospectus has been nor will be registered with the Comisión Nacional del Mercado de Valores (Spanish Securities Exchange Commission) ("CNMV"). Neither the Plan nor the Award Agreement constitute a public offering prospectus and they have not been, nor will they be, registered with the CNMV.

#### Exchange Control Information.

It is the Participant's responsibility to comply with exchange control regulations in Spain. The Participant must declare the acquisition of Shares for statistical purposes to the Spanish Dirección General de Comercio e Inversiones (the "DGCI") of the Ministry of Economy and Competitiveness. In addition, the Participant must also file a Form D-6 with the Directorate of Foreign Transaction each January in which the Shares are owned. The sale of Shares also must be declared on Form D-6 filed with the DGCI in January, unless the sale proceeds exceed the applicable threshold (currently €1,502,530), in which case, the filing is due within one month after the sale.

#### Foreign Asset/Account Reporting Information.

The Participant is required to declare electronically to the Bank of Spain any securities accounts (including brokerage accounts held abroad), as well as the Shares held in such accounts if the value of the transactions during the prior tax year or the balances in such accounts as of December 31 of the prior tax year exceed €1,000,000.

Further, to the extent that the Participant holds Shares and/or has bank accounts outside Spain with a value in excess of €50,000 (for each type of asset) as of December 31, the Participant will be required to report information on such assets on his or her tax return (tax form 720) for such year. After such Shares and/or accounts are initially reported, the reporting obligation will apply for subsequent years only if the value of any previously-reported Shares or accounts increases by more than €20,000 or if the Participant sells or otherwise disposes of any previously-reported Shares or accounts.

## SWITZERLAND

### *Notifications*

#### Securities Law Information.

The grant of the Stock Option under the Plan is considered a private offering in Switzerland and is, therefore, not subject to registration in Switzerland. Neither this document nor any other material related to the Stock Option constitutes a prospectus as such term is understood pursuant to Article 652a of the Swiss Code of Obligations, and neither this document nor any other materials related to the Stock Option may be publicly distributed or otherwise made publicly available in Switzerland. Neither this document nor any other offering or marketing materials relating to the Awards have been or will be filed with, approved or supervised by any Swiss regulatory authority (in particular, the Swiss Financial Market Supervisory Authority (FINMA)).

## UNITED KINGDOM

### *Terms and Conditions*

Responsibility for Taxes. The following supplements paragraph B “Responsibility for Taxes” of Appendix A.

Without limitation to the paragraph B “Responsibility for Taxes” of Appendix A, the Participant agrees that the Participant is liable for all Tax-Related Items and hereby covenants to pay all such Tax-Related Items as and when requested by the Company or the Employer or by Her Majesty’s Revenue & Customs (“HMRC”) (or any other tax authority or any other relevant authority). The Participant also agrees to indemnify and keep indemnified the Company and the Employer against any Tax-Related Items that they are required to pay or withhold or have paid or will have to pay to HMRC (or any other tax authority or any other relevant authority) on the Participant’s behalf.

Notwithstanding the foregoing, if the Participant is a Director or executive officer of the Company (within the meaning of Section 13(k) of the U.S. Securities Exchange Act of 1934), the Participant may not be able to indemnify the Company or the Employer for the amount of any income tax not collected from or paid by the Participant, as it may be considered a loan. In this case, the amount of any uncollected income tax may constitute a benefit to the Participant on which additional income tax and employee National Insurance contributions (“NICs”) may be payable. The Participant agrees to report and pay any income tax due on this additional benefit directly to HMRC under the self-assessment regime and to pay the Employer for the value of the employee NICs due on this additional benefit, which the Company or the Employer may recover from the Participant by any of the means referred to in the Award Agreement, including the Appendices.

**ARCONIC INC.**  
**2013 ARCONIC STOCK INCENTIVE PLAN**  
**RESTRICTED SHARE UNIT AWARD AGREEMENT**  
**Grant Date: [ ]**

The terms and conditions of this Global Restricted Share Unit Award Agreement, including Appendices A and B attached hereto, (the "Award Agreement") are authorized by the Compensation and Benefits Committee of the Board of Directors. The Restricted Share Unit award is granted to the Participant under the 2013 Arconic Stock Incentive Plan, as amended and restated and as may be further amended from time to time (the "Plan"). Terms that are defined in the Plan have the same meanings in the Award Agreement.

**NOTE: To avoid cancellation of the Restricted Share Unit award, the Participant must affirmatively accept the Award and the terms of this Award Agreement within 6 months of the grant date, as set forth in paragraph 30 of the Award Agreement.**

*General Terms and Conditions*

1. The Restricted Share Units are subject to the provisions of the Plan and the provisions of the Award Agreement. If the Plan and the Award Agreement are inconsistent, the provisions of the Plan will govern. Interpretations of the Plan and the Award Agreement by the Committee are binding on the Participant and the Company. A Restricted Share Unit is an undertaking by the Company to issue the number of Shares indicated in the Participant's account at Merrill Lynch's OnLine website [www.benefits.ml.com](http://www.benefits.ml.com), subject to the fulfillment of certain conditions, except to the extent otherwise provided in the Plan or herein. A Participant has no voting rights or rights to receive dividends on Restricted Share Units, but the Board of Directors may authorize that dividend equivalents be accrued and paid on Restricted Share Units upon vesting in accordance with paragraphs 2 and 4 below.

*Vesting and Payment*

2. A Restricted Share Unit vests on [ ] and will be paid to the Participant in Shares on the vesting date or within 90 days thereafter.

3. Except as provided in paragraph 4, if a Participant's employment with the Company (including its Subsidiaries) is terminated before the Restricted Share Unit vests, the Award is forfeited and is automatically canceled.

4. The following are exceptions to the vesting rules:

- **Death or Disability:** a Restricted Share Unit held by a Participant, who dies while an Employee or who is permanently and totally disabled while an Employee, is not forfeited but vests and is paid on the original stated vesting date set forth in paragraph 2.

A Participant is deemed to be permanently and totally disabled if the Participant is unable to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months. A Participant shall not be considered to be permanently and totally disabled unless the Participant furnishes proof of the existence thereof in such form and manner, and at such times, as the Company may require. In the event of a dispute, the determination whether a Participant is permanently and totally disabled will be made by the Committee or its delegate.

- **Change in Control:** a Restricted Share Unit vests if a Replacement Award is not provided following certain Change in Control events, as described in the Plan. If the Change in Control qualifies as a "change in control event" within the meaning of Treas. Reg. § 1.409-3(i)(5), the vested Restricted Share Unit will be paid to the Participant within 30 days following the Change in Control. If the Change in Control does not so qualify, the vested Restricted Share Unit will be paid to the Participant on the original stated vesting date set forth in paragraph 2.

- **Termination Following Change in Control:** as further described in the Plan, if a Replacement Award is provided following a Change in Control, but within 24 months of such Change in Control the Participant's employment is terminated without Cause (as defined in the Arconic Inc. Change in Control Severance Plan) or by the Participant for Good Reason (as defined in the Arconic Inc. Change in Control Severance Plan), the Replacement Award will vest and will be paid to the Participant on the original stated vested date set forth in paragraph 2.
- **Retirement:** a Restricted Share Unit is not forfeited if it is held by a Participant who retires at least 6 months after the grant date under a Company or Subsidiary plan (or if there is no Company or Subsidiary plan, a government retirement plan) in which the Participant is eligible for an immediate payment of a retirement benefit. In such event, the Restricted Share Unit vests and is paid in accordance with the original vesting schedule of the grant set forth in paragraph 2. Immediate commencement of a deferred vested pension benefit under a Company or Subsidiary retirement plan is not considered a retirement for these purposes.
- **Divestiture:** if a Restricted Share Unit is held by a Participant who is to be terminated from employment with the Company or a Subsidiary as a result of a divestiture of a business or a portion of a business of the Company and the Participant either becomes an employee of (or is leased or seconded to) the entity acquiring the business on the date of the closing, or the Participant is not offered employment with the entity acquiring the business and is terminated by the Company or a Subsidiary within 90 days of the closing of the sale, then, at the discretion of the Chief Executive Officer of the Company, the Restricted Share Unit will not be forfeited and will vest and be paid in accordance with the original vesting schedule set forth in paragraph 2. For purposes of this paragraph, employment by "the entity acquiring the business" includes employment by a subsidiary or affiliate of the entity acquiring the business; and "divestiture of a business" means the sale of assets or stock resulting in the sale of a going concern. "Divestiture of a business" does not include a plant shut down or other termination of a business.

5. A Participant will receive one Share upon the vesting and payment of a Restricted Share Unit.

#### ***Taxes***

6. All taxes required to be withheld under applicable tax laws in connection with a Restricted Share Unit must be paid by the Participant at the appropriate time under applicable tax laws. The Company may satisfy applicable tax withholding obligations by any of the means set forth in Section 15(l) of the Plan, but will generally withhold from the Shares to be issued upon payment of the Restricted Share Unit that number of Shares with a fair market value on the vesting date equal to the taxes required to be withheld at the minimum required rates or, to the extent permitted under applicable accounting principles, at up to the maximum individual tax rate for the applicable tax jurisdiction, which include, for Participants subject to taxation in the United States, applicable income taxes, federal and state unemployment compensation taxes and FICA/FUTA taxes. Notwithstanding the foregoing, if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended, the Company will withhold Shares from the Shares to be issued upon payment of the Restricted Share Unit, as described herein, and will not use the other means set forth in the Plan unless approved by the Committee or in the event that withholding in Shares is problematic under applicable tax or securities law or has materially adverse accounting consequences. Further, notwithstanding anything herein to the contrary, the Company may cause a portion of the Restricted Share Units to vest prior to the stated vesting date set forth in paragraph 2 in order to satisfy any Tax-Related Items that arise prior to the date of settlement of the Restricted Share Units; provided that to the extent necessary to avoid a prohibited distribution under Section 409A of the Code, the number of Restricted Share Units so accelerated and settled shall be with respect to a number of Shares with a value that does not exceed the liability for such Tax-Related Items.

#### ***Beneficiaries***

7. If permitted by the Company, Participants will be entitled to designate one or more beneficiaries to receive all Restricted Share Units that have not yet vested at the time of death of the Participant. All beneficiary designations will be on beneficiary designation forms approved for the Plan. Copies of the form are available from the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com)

8. Beneficiary designations on an approved form will be effective at the time received by the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com). A Participant may revoke a beneficiary designation at any time by written notice to the Communications Center on Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) or by filing a new designation form. Any designation form previously filed by a Participant will be automatically revoked and superseded by a later-filed form.

9. A Participant will be entitled to designate any number of beneficiaries on the form, and the beneficiaries may be natural or corporate persons.

10. The failure of any Participant to obtain any recommended signature on the form will not prohibit the Company from treating such designation as valid and effective. No beneficiary will acquire any beneficial or other interest in any Restricted Share Unit prior to the death of the Participant who designated such beneficiary.

11. Unless the Participant indicates on the form that a named beneficiary is to receive Restricted Share Units only upon the prior death of another named beneficiary, all beneficiaries designated on the form will be entitled to share equally in the Restricted Share Units upon vesting. Unless otherwise indicated, all such beneficiaries will have an equal, undivided interest in all such Restricted Share Units.

12. Should a beneficiary die after the Participant but before the Restricted Share Unit is paid, such beneficiary's rights and interest in the Award will be transferable by the beneficiary's last will and testament or by the laws of descent and distribution. A named beneficiary who predeceases the Participant will obtain no rights or interest in a Restricted Share Unit, nor will any person claiming on behalf of such individual. Unless otherwise specifically indicated by the Participant on the beneficiary designation form, beneficiaries designated by class (such as "children," "grandchildren" etc.) will be deemed to refer to the members of the class living at the time of the Participant's death, and all members of the class will be deemed to take "per capita."

13. If a Participant does not designate a beneficiary or if the Company does not permit a beneficiary designation, the Restricted Share Units that have not yet vested or been paid at the time of death of the Participant will be paid to the Participant's legal heirs pursuant to the Participant's last will and testament or by the laws of descent and distribution.

#### ***Adjustments***

14. In the event of an Equity Restructuring, the Committee will equitably adjust the Restricted Share Unit as it deems appropriate to reflect the Equity Restructuring, which may include (i) adjusting the number and type of securities subject to the Restricted Share Unit; and (ii) adjusting the terms and conditions of the Restricted Share Unit. The adjustments provided under this paragraph 14 will be nondiscretionary and final and binding on all interested parties, including the affected Participant and the Company; provided that the Committee will determine whether an adjustment is equitable.

#### ***Repayment/Forfeiture***

15. Notwithstanding anything to the contrary herein, pursuant to Section 15(e) of the Plan the Committee has full power and authority, to the extent permitted by governing law, to determine that the Restricted Share Unit will be canceled or suspended at any time prior to a Change in Control: (i) if the Participant, without the consent of the Committee, while employed by the Company or a Subsidiary or after termination of such employment, becomes associated with, employed by, renders services to or owns any interest (other than an interest of up to 5% in a publicly traded company or any other nonsubstantial interest, as determined by the Committee) in any business that is in competition with the Company or any Subsidiary; (ii) in the event of the Participant's willful engagement in conduct which is injurious to the Company or any Subsidiary, monetarily or otherwise; (iii) in the event of an Executive Officer's misconduct described in Section 15(f) of the Plan; or (iv) in order to comply with applicable laws as described in Section 15(h) of the Plan.

Further, as an additional condition of receiving the Restricted Share Unit, the Participant agrees that the Restricted Share Unit and any benefits or proceeds the Participant may receive hereunder shall be subject to forfeiture and/or repayment to the Company to the extent required (i) under the terms of any recoupment or "clawback" policy adopted by the Company to comply with applicable laws or with the Company's Corporate Governance Guidelines or other similar requirements, as such policy may be amended from time to time (and such requirements shall be deemed incorporated into the Award Agreement without the Participant's consent) or (ii) to comply with any requirements imposed under applicable laws and/or the rules and regulations of the securities exchange or inter-dealer quotation system on which the Shares are listed or quoted, including, without limitation, pursuant to Section 954 of the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010. Further, if the Participant receives any amount in excess of what the Participant should have received under the terms of the Restricted Share Unit for any reason (including without limitation by reason of a financial restatement, mistake in calculations or administrative error), all as determined by the Committee, then the Participant shall be required to promptly repay any such excess amount to the Company.

### *Miscellaneous Provisions*

16. *Stock Exchange Requirements; Applicable Laws.* Notwithstanding anything to the contrary in the Award Agreement, no Shares issuable upon vesting of the Restricted Share Units, and no certificate representing all or any part of such Shares, shall be issued or delivered if, in the opinion of counsel to the Company, such issuance or delivery would cause the Company to be in violation of, or to incur liability under, any securities law, or any rule, regulation or procedure of any U.S. national securities exchange upon which any securities of the Company are listed, or any listing agreement with any such securities exchange, or any other requirement of law or of any administrative or regulatory body having jurisdiction over the Company or a Subsidiary.

17. *Non-Transferability.* The Restricted Share Units are non-transferable and may not be assigned, alienated, pledged, attached, sold or otherwise transferred or encumbered by the Participant other than by will or the laws of descent and distribution and any such purported assignment, alienation, pledge, attachment, sale, transfer or encumbrance shall be void and unenforceable against the Company; provided, that, the designation of a beneficiary shall not constitute an assignment, alienation, pledge, attachment, sale, transfer or encumbrance.

18. *Shareholder Rights.* No person or entity shall be entitled to vote, receive dividends or be deemed for any purpose the holder of any Shares until the Restricted Share Unit shall have vested and been paid in the form of Shares in accordance with the provisions of the Award Agreement.

19. *Notices.* Any notice required or permitted under the Award Agreement shall be in writing and shall be deemed sufficient when delivered personally or sent by confirmed email, telegram, or fax or five days after being deposited in the mail, as certified or registered mail, with postage prepaid, and addressed to the Company at the Company's principal corporate offices or to the Participant at the address maintained for the Participant in the Company's records or, in either case, as subsequently modified by written notice to the other party.

20. *Severability and Judicial Modification.* If any provision of the Award Agreement is held to be invalid or unenforceable under the applicable laws of any country, state, province, territory or other political subdivision or the Company elects not to enforce such restriction, the remaining provisions shall remain in full force and effect and the invalid or unenforceable provision shall be modified only to the extent necessary to render that provision valid and enforceable to the fullest extent permitted by law. If the invalid or unenforceable provision cannot be, or is not, modified, that provision shall be severed from the Award Agreement and all other provisions shall remain valid and enforceable.

21. *Successors.* The Award Agreement shall be binding upon and inure to the benefit of the Company and its successors and assigns, on the one hand, and the Participant and his or her heirs, beneficiaries, legatees and personal representatives, on the other hand.

22. *Appendices.* Notwithstanding any provisions in the Award Agreement, for Participants residing and/or working outside the United States, the Restricted Share Unit shall be subject to the additional terms and conditions set forth in Appendix A to the Award Agreement and to any special terms and conditions for the Participant's country set forth in Appendix B to the Award Agreement. Moreover, if the Participant relocates outside the United States or relocates between the countries included in Appendix B, the additional terms and conditions set forth in Appendix A and the special terms and conditions for such country set forth in Appendix B will apply to the Participant, to the extent the Company determines that the application of such terms and conditions is necessary or advisable for legal or administrative reasons. The Appendices constitute part of the Award Agreement.

23. *Imposition of Other Requirements.* The Company reserves the right to impose other requirements on the Participant's participation in the Plan, on the Restricted Share Unit and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable for legal or administrative reasons, and to require the Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing.

24. *Compliance with Code Section 409A.* It is intended that the Restricted Share Right granted pursuant to the Award Agreement be compliant with Section 409A of the Code and the Award Agreement shall be interpreted, construed and operated to reflect this intent. Notwithstanding the foregoing, the Award Agreement and the Plan may be amended at any time, without the consent of any party, to the extent necessary or desirable to satisfy any of the requirements under Section 409A of the Code, but the Company shall not be under any obligation to make any such amendment. Further, the Company and its Subsidiaries do not make any representation to the Participant that the Restricted Share Right granted pursuant to the Award Agreement satisfies the requirements of Section 409A of the Code, and the Company and its Subsidiaries will have no liability or other obligation to indemnify or hold harmless the Participant or any other party for any tax, additional tax, interest or penalties that the Participant or any other party may incur in the event that any provision of the Award Agreement or any amendment or modification thereof or any other action taken with respect thereto, is deemed to violate any of the requirements of Section 409A of the Code.

25. *Waiver.* A waiver by the Company of breach of any provision of the Award Agreement shall not operate or be construed as a waiver of any other provision of the Award Agreement, or of any subsequent breach by the Participant or any other Participant.

26. *No Advice Regarding Award.* The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding the Participant's participation in the Plan, or the Participant's acquisition or sale of the underlying Shares. The Participant is hereby advised to consult with the Participant's own personal tax, legal and financial advisors regarding the Participant's participation in the Plan before taking any action related to the Plan.

27. *Governing Law and Venue.* As stated in the Plan, the Restricted Share Unit and the provisions of the Award Agreement and all determinations made and actions taken thereunder, to the extent not otherwise governed by the laws of the United States, shall be governed by the laws of the State of New York, United States of America, without reference to principles of conflict of laws, and construed accordingly. The jurisdiction and venue for any disputes arising under, or any actions brought to enforce (or otherwise relating to), the Restricted Share Unit will be exclusively in the courts in the State of New York, County of New York, including the Federal Courts located therein (should Federal jurisdiction exist).

28. *Electronic Delivery and Acceptance.* The Company may, in its sole discretion, decide to deliver any documents related to current or future participation in the Plan by electronic means. The Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through an on-line or electronic system established and maintained by the Company or a third party designated by the Company.

29. *Entire Agreement.* The Award Agreement and the Plan embody the entire understanding and agreement of the parties with respect to the subject matter hereof, and no promise, condition, representation or warranty, express or implied, not stated or incorporated by reference herein, shall bind either party hereto.

#### *Acceptance of Award*

30. As permitted by Section 15(c) of the Plan, receipt of this Restricted Share Unit award is subject to the Participant's acceptance of the Award and the terms of this Award Agreement and the Plan through Merrill Lynch's OnLine<sup>®</sup> website [www.benefits.ml.com](http://www.benefits.ml.com) and/or through such other procedures as may be required by the Company (Participant's "Acceptance"). **To avoid forfeiture of the Award, the Participant must provide such Acceptance within 6 months of the grant date of the Award.** The date as of which the Participant's Restricted Share Unit award shall be forfeited, if the Participant has not provided such Acceptance, will generally be set forth in the Participant's account at Merrill Lynch's OnLine<sup>®</sup> website. If the Participant does not provide Acceptance within this 6 month period, the Award will be cancelled in accordance with any administrative procedures adopted under the Plan.

#### *Performance Feature*

31. If the vesting of a Restricted Share Unit is subject to a performance condition, the following additional terms and conditions will apply to that Award:

- The Participant will have the right to receive from 0% to 200% of the number of Shares indicated on the grant date, based on achievement of performance goals established by the Committee for that Award.
- The performance period is three years. Attainment of performance goals for the three-year period will be determined or certified, as applicable, by the Committee on a date as soon as practicable following the end of the performance period (the "Determination Date").

- Notwithstanding paragraph 2 of the Award Agreement, the vesting date of the Award shall be the *later* of the date set forth in paragraph 2 and the Determination Date. To vest in the Award, the Participant must remain employed with the Company or a Subsidiary until such vesting date, except as otherwise set forth in paragraph 4. In any case, except where payment of the Award is made upon a Change in Control within the meaning of Treas. Reg. § 1.409-3(i)(5), in no event will payment of the Award occur outside of the time period set forth in paragraph 2.
- In the event of termination of the Participant's employment with the Company (including its Subsidiaries) before the vesting of the Restricted Share Unit by reason of death, disability, retirement or divestiture, each as described in paragraph 4, payment of the Restricted Share Unit will be based on the extent to which the performance objectives established by the Committee have been attained following the end of the performance period.
- In the event of a Change in Control, the performance feature of the Award will cease to apply and the Award will be converted into a time-based award in accordance with the formula set forth in Section 12(a)(v) of the Plan. The vesting and payment of such Award will then be governed in accordance with paragraph 4.
- Notwithstanding anything to the contrary in the Award Agreement, if the Participant is or may be a Covered Employee, Section 13 of the Plan will be applicable to the Award to the extent that the Award qualifies for the transition rule set forth in Section 13601(e)(2) of the Tax Cuts and Jobs Act, P.L. 115-97.



**APPENDIX A**  
**TO THE ARCONIC INC.**  
**2013 Stock Incentive Plan**  
**Global Restricted Share Unit Award Agreement**  
**For Non-U.S. Participants**

This Appendix A contains additional (or, if so indicated, different) terms and conditions that govern the Restricted Share Units if the Participant resides and/or works outside of the United States. Capitalized terms used but not defined herein shall have the same meanings assigned to them in the Plan and the Global Restricted Share Unit Award Agreement (the "Award Agreement").

A. *Termination.* This provision supplements paragraph 3 of the Award Agreement.

The Company will determine when the Participant is no longer providing services for purposes of the Restricted Share Units (including whether the Participant may still be considered to be providing services while on a leave of absence).

B. *Responsibility for Taxes.* This provision replaces paragraph 6 of the Award Agreement (except if the Participant is subject to the short-swing profit rules of Section 16(b) of the Securities Exchange Act of 1934, as amended).

The Participant acknowledges that, regardless of any action taken by the Company or, if different, the Subsidiary that employs the Participant (the "Employer"), the ultimate liability for all income tax, social insurance, payroll tax, fringe benefits tax, payment on account or other tax-related items related to the Participant's participation in the Plan and legally applicable to the Participant ("Tax-Related Items") is and remains the Participant's responsibility and may exceed the amount actually withheld by the Company or the Employer. The Participant further acknowledges that the Company and/or the Employer (a) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of these Restricted Shares Units, including, but not limited to, the grant, vesting or settlement of Restricted Shares Units, the subsequent sale of Shares acquired pursuant to the Restricted Share Unit and the receipt of any dividends or dividend equivalents; and (b) do not commit to and are under no obligation to structure the terms of the Restricted Share Units or any aspect of the Restricted Share Units to reduce or eliminate the Participant's liability for Tax-Related Items or achieve any particular tax result. The Participant shall not make any claim against the Company, the Employer or any other Subsidiary, or their respective board, officers or employees related to Tax-Related Items arising from this Award. Furthermore, if the Participant has become subject to tax in more than one jurisdiction, the Participant acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction.

Prior to any relevant taxable or tax withholding event, as applicable, the Participant will pay or make adequate arrangements satisfactory to the Company and/or the Employer to satisfy all Tax-Related Items. In this regard, the Participant authorizes the Company and/or the Employer, or their respective agents, at their discretion, to satisfy their withholding obligations with regard to all Tax-Related Items by: (i) requiring a cash payment from the Participant; (ii) withholding from the Participant's wages or other cash compensation paid to the Participant by the Company and/or the Employer, (iii) withholding from the proceeds of the sale of Shares acquired pursuant to the Restricted Share Units, either through a voluntary sale or through a mandatory sale arranged by the Company (on the Participant's behalf pursuant to this authorization without further consent); and/or (iv) withholding from the Shares subject to Restricted Share Units.

Depending on the withholding method, the Company may withhold or account for Tax-Related Items by considering applicable minimum statutory withholding rates or other applicable withholding rates, including maximum applicable rates, in which case the Participant may receive a refund of any over-withheld amount in cash (with no entitlement to the Share equivalent) or, if not refunded, the Participant may seek a refund from the local tax authorities. If the obligation for Tax-Related Items is satisfied by withholding in Shares, the Participant is deemed, for tax purposes, to have been issued the full number of Shares subject to the vested Restricted Shares Units, notwithstanding that a number of the Shares is held back solely for the purpose of paying the Tax-Related Items.

Finally, the Participant shall pay to the Company and/or the Employer any amount of Tax-Related Items that the Company and/or the Employer may be required to withhold or account for as a result of the Participant's participation in the Plan that cannot be satisfied by the means previously described. The Company may refuse to issue or deliver the Shares or the proceeds of the sale of Shares if the Participant fails to comply with his or her obligations in connection with the Tax-Related Items.

C. *Nature of Award.* In accepting the Restricted Share Units, the Participant acknowledges, understands and agrees that:

a. the Plan is established voluntarily by the Company, is discretionary in nature and may be modified, amended, suspended, or terminated by the Company at any time, to the extent permitted by the Plan;

- b. this Award of Restricted Share Units is exceptional, voluntary and occasional and does not create any contractual or other right to receive future Restricted Share Units, or benefits in lieu of Restricted Share Units, even if Restricted Share Units have been granted in the past;
- c. all decisions with respect to future Restricted Share Units or other Awards, if any, will be at the sole discretion of the Company;
- d. this Award of Restricted Share Units and the Participant's participation in the Plan shall not create a right to, or be interpreted as forming an employment or service contract with the Company and shall not interfere with the ability of the Employer to terminate the Participant's employment contract (if any) at any time;
- e. the Participant's participation in the Plan is voluntary;
- f. this Award of Restricted Share Units and the Shares acquired under the Plan, and the income from and value of same, are not intended to replace any pension rights or compensation;
- g. this Award of Restricted Share Units and the Shares acquired under the Plan, and the income from and value of same, are not part of normal or expected compensation or salary for any purposes, including, without limitation, calculating any severance, resignation, termination, redundancy, dismissal, end-of-service payments, bonuses, long-service awards, pension or retirement or welfare benefits or similar payments;
- h. the future value of the Shares subject to the Restricted Share Units is unknown, indeterminable and cannot be predicted with certainty;
- i. unless otherwise agreed with the Company, Restricted Share Units and the Shares acquired under the Plan, and the income from and value of same, are not granted as consideration for, or in connection with, the service the Participant may provide as a director of any Subsidiary;
- j. no claim or entitlement to compensation or damages shall arise from forfeiture of any portion of this Award of Restricted Share Units resulting from termination of the Participant's employment and/or service relationship (for any reason whatsoever and regardless of whether later found to be invalid or in breach of applicable laws in the jurisdiction where the Participant is employed or the terms of the Participant's employment agreement, if any);
- k. unless otherwise provided in the Plan or by the Company in its discretion, this Award of Restricted Share Units and the benefits under the Plan evidenced by this Award Agreement do not create any entitlement to have this Award of Restricted Share Units or any such benefits transferred to, or assumed by, another company nor to be exchanged, cashed out or substituted for, in connection with any corporate transaction affecting the Shares; and
- l. neither the Company, the Employer nor any other Subsidiary shall be liable for any foreign exchange rate fluctuation between the Participant's local currency and the United States Dollar that may affect the value of the Restricted Share Units or of any amounts due to the Participant pursuant to the Restricted Share Units or the subsequent sale of any Shares acquired under the Plan.

***D. Data Privacy. The Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of the Participant's personal data as described in this Award Agreement and any other grant materials by and among, as applicable, the Company, the Employer and any other Subsidiary for the exclusive purpose of implementing, administering and managing the Participant's participation in the Plan.***

***The Participant understands that the Company and the Employer may hold certain personal information about the Participant, including, but not limited to, the Participant's name, home address, email address and telephone number, date of birth, social insurance number, passport or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company, details of all Restricted Share Units or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in the Participant's favor ("Data"), for the exclusive purpose of implementing, administering and managing the Plan.***

*The Participant understands that Data may be transferred to Merrill Lynch, which is assisting the Company with the implementation, administration and management of the Plan. The Participant understands that the recipients of Data may be located in the United States or elsewhere, and that the recipients' country (e.g., the United States) may have different data privacy laws and protections than the Participant's country. The Participant understands that the Participant may request a list with the names and addresses of any potential recipients of Data by contacting the Participant's local human resources representative. The Participant authorizes the Company, Merrill Lynch and any other possible recipients which may assist the Company (presently or in the future) with implementing, administering and managing the Plan to receive, possess, use, retain and transfer Data, in electronic or other form, for the sole purpose of implementing, administering and managing the Participant's participation in the Plan. The Participant understands that Data will be held only as long as is necessary to implement, administer and manage the Participant's participation in the Plan. The Participant understands that the Participant may, at any time, view Data, request additional information about the storage and processing of Data, require any necessary amendments to Data or refuse or withdraw the consents herein, in any case without cost, by contacting in writing the Participant's local human resources representative. Further, the Participant understands that the Participant is providing the consents herein on a purely voluntary basis. If the Participant does not consent, or if the Participant later seeks to revoke the Participant's consent, the Participant's employment and career with the Employer will not be affected; the only consequence of refusing or withdrawing the Participant's consent is that the Company would not be able to grant this Award of Restricted Share Units or other Awards to the Participant or administer or maintain such Awards. Therefore, the Participant understands that refusing or withdrawing the Participant's consent may affect the Participant's ability to participate in the Plan. For more information on the consequences of the Participant's refusal to consent or withdrawal of consent, the Participant understands that the Participant may contact the Participant's local human resources representative.*

*Finally, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form (or any other agreements or consents) that the Company and/or the Employer may deem necessary to obtain from the Participant for the purpose of administering the Participant's participation in the Plan in compliance with the data privacy laws in the Participant's country, either now or in the future. The Participant understands and agrees that he or she will not be able to participate in the Plan if the Participant fails to provide such consent or agreement as requested by the Company and/or the Employer.*

*E. Retirement.* Notwithstanding paragraph 4 of the Award Agreement, if the Company receives an opinion of counsel that there has been a legal judgment and/or legal development in the Participant's jurisdiction that would likely result in the favorable treatment applicable to the Restricted Share Units pursuant to paragraph 4 being deemed unlawful and/or discriminatory, then the Company will not apply the favorable treatment at the time of the Participant's retirement, and the Restricted Share Units will be treated as set forth in the remaining provisions of paragraph 4 of the Award Agreement.

*F. Language.* The Participant acknowledges that he or she is sufficiently proficient in English to understand the terms and conditions of the Award Agreement. Furthermore, if the Participant has received this Award Agreement, or any other document related to this Award of Restricted Share Units and/or the Plan translated into a language other than English and if the meaning of the translated version is different than the English version, the English version will control.

*G. Insider Trading Restrictions/Market Abuse Laws.* The Participant acknowledges that, depending on his or her country, the broker's country, or the country in which the Shares are listed, the Participant may be subject to insider trading restrictions and/or market abuse laws in applicable jurisdictions, which may affect his or her ability to accept, acquire, sell, or attempt to sell or otherwise dispose of Shares or rights to Shares (e.g., Restricted Share Units), or rights linked to the value of Shares, during such times as he or she is considered to have "inside information" regarding the Company (as defined by applicable laws or regulations in the applicable jurisdictions, including the United States and the Participant's country). Local insider trading laws and regulations may prohibit the cancellation or amendment of orders the Participant placed before possessing inside information. Furthermore, the Participant may be prohibited from (i) disclosing the inside information to any third party, including fellow employees (other than on a "need to know" basis) and (ii) "tipping" third parties or causing them to otherwise buy or sell securities. Any restrictions under these laws or regulations are separate from and in addition to any restrictions that may be imposed under any applicable Company insider trading policy. The Participant acknowledges that it is his or her responsibility to comply with any applicable restrictions, and the Participant should consult his or her personal advisor on this matter.

H. *Foreign Asset/Account Reporting Requirements, Exchange Controls and Tax Requirements.* The Participant acknowledges that his or her country may have certain foreign asset and/or account reporting requirements and exchange controls which may affect his or her ability to acquire or hold Shares under the Plan or cash received from participating in the Plan (including from any dividends received or sale proceeds arising from the sale of Shares) in a brokerage or bank account outside his or her country. The Participant understands that he or she may be required to report such accounts, assets or transactions to the tax or other authorities in his or her country. The Participant also may be required to repatriate sale proceeds or other funds received as a result of the Participant's participation in the Plan to his or her country through a designated bank or broker and/or within a certain time after receipt. The Participant acknowledges that it is his or her responsibility to be compliant with all such requirements, and that the Participant should consult his or her personal legal and tax advisors, as applicable, to ensure the Participant's compliance.

**APPENDIX B  
TO THE ARCONIC INC.  
2013 Stock Incentive Plan  
Global Restricted Share Unit Award Agreement  
For Non-U.S. Participants**

Capitalized terms used but not defined in this Appendix B have the meanings set forth in the Plan and the Global Restricted Share Unit Award Agreement (the “Award Agreement”).

***Terms and Conditions***

This Appendix B includes special terms and conditions that govern Restricted Share Units if the Participant resides and/or works in one of the countries listed below.

If the Participant is a citizen or resident of a country other than the country in which the Participant is currently residing and/or working, or if the Participant transfers to another country after the grant of Restricted Share Units or is considered a resident of another country for local law purposes, the Committee shall, in its discretion, determine to what extent the special terms and conditions contained herein shall be applicable to the Participant.

***Notifications***

This Appendix B also includes information regarding exchange controls, tax and certain other issues of which the Participant should be aware with respect to participation in the Plan. The information is based on the securities, exchange control, tax and other laws in effect in the respective countries as of December 2017. Such laws are often complex and change frequently. As a result, the Company strongly recommends that the Participant not rely on the information in this Appendix B as the only source of information relating to the consequences of participation in the Plan because the information may be out of date at the time the Participant sells Shares acquired under the Plan.

In addition, the information contained herein is general in nature and may not apply to the Participant’s particular situation and the Company is not in a position to assure the Participant of any particular result. Accordingly, the Participant should seek appropriate professional advice as to how the relevant laws in the Participant’s country may apply to his or her situation.

Finally, if the Participant is a citizen or resident of a country other than the country in which the Participant currently works and/or resides, or if the Participant transfers to another country after the grant of the Restricted Share Unit, or is considered a resident of another country for local law purposes, the information contained herein may not be applicable to the Participant in the same manner.

**AUSTRALIA**

***Terms and Conditions***

Australia Offer Document.

The grant of Restricted Share Units is intended to comply with the provisions of the Corporations Act, 2001, Australian Securities & Investments Commission (“ASIC”) Regulatory Guide 49 and ASIC Class Order 14/1000. Additional details are set forth in the Offer Document to Australian resident employees, which is being provided to the Participant with the Award Agreement.

***Notifications***

Exchange Control Information.

Exchange control reporting is required for cash transactions exceeding A\$10,000 and for international fund transfers. If an Australian bank is assisting with the transaction, the bank will file the report on the Participant’s behalf.

Tax Information.

The Plan is a plan to which Subdivision 83A-C of the Income Tax Assessment Act 1997 (Cth) applies (subject to conditions in the Act).

## **AUSTRIA**

### ***Notifications***

#### Exchange Control Information.

If the Participant holds Shares obtained through the Plan outside of Austria, the Participant must submit a report to the Austrian National Bank. An exemption applies if the value of the Shares as of any given quarter does not meet or exceed €30,000,000 or as of December 31 does not meet or exceed €5,000,000. If the former threshold is exceeded, quarterly obligations are imposed, whereas if the latter threshold is exceeded, annual reports must be given. If quarterly reporting is required, the reports must be filed by the fifteenth day of the month following the last day of the respective quarter. The annual reporting date is December 31 and the deadline for filing the annual report is January 31 of the following year.

When Shares are sold or cash dividends or dividend equivalent payments are received, there may be exchange control obligations if the cash received is held outside Austria. If the transaction volume of all the Participant's accounts abroad meets or exceeds €10,000,000, the movements and balances of all accounts must be reported monthly, as of the last day of the month, on or before the fifteenth of the following month.

## **BELGIUM**

### ***Notifications***

#### Foreign Asset/Account Reporting Information.

If the Participant is a Belgian resident, the Participant is required to report any bank accounts opened and maintained outside of Belgium (*e.g.*, brokerage accounts opened in connection with the Plan) on his or her annual tax return. In a separate report, the Participant is required to provide the National Bank of Belgium with certain details regarding such foreign accounts (including the account number, bank name and country in which any such account was opened). This report, as well as additional information on how to complete it, can be found on the website of the National Bank of Belgium, [www.nbb.be](http://www.nbb.be), under *Kredietcentrales / Centrales des crédits* caption. The Participant should consult with his or her personal tax advisor to determine his or her personal reporting obligations.

#### Stock Exchange Tax.

From January 1, 2017, a stock exchange tax applies to transactions executed through a non-Belgian financial intermediary. The stock exchange tax likely will apply when the Shares are sold. The Participant should consult with his or her personal tax advisor to determine his or her obligations with respect to the stock exchange tax.

## **BRAZIL**

### ***Terms and Conditions***

#### Compliance with Law.

By accepting the Restricted Share Units, the Participant acknowledges that he or she agrees to comply with applicable Brazilian laws and to pay any and all applicable taxes associated with the vesting of the Restricted Share Units, the sale of the Shares acquired under the Plan and the receipt of any dividends.

#### Acknowledgement of Nature of the Grant.

This provision supplements paragraph C "Nature of Award" of Appendix A:

By accepting the Restricted Share Units, the Participant agrees that he or she is making an investment decision, the Shares will be issued to the Participant only if the vesting conditions are met and any necessary services are rendered by the Participant over the vesting period, and the value of the underlying Shares is not fixed and may increase or decrease in value over the vesting period without compensation to the Participant.

## **Notifications**

### Exchange Control Information.

If the Participant is a resident of or domiciled in Brazil, he or she will be required to submit an annual declaration of assets and rights held outside of Brazil to the Central Bank of Brazil if the aggregate value of the assets and rights is equal to or greater than US\$100,000. If such amount exceeds US\$100,000,000, the declaration must be submitted quarterly. Assets and rights that must be reported include Shares acquired under the Plan.

### Tax on Financial Transactions (IOF).

Repatriation of funds (e.g., sale proceeds) into Brazil and the conversion of USD into BRL associated with such fund transfers may be subject to the Tax on Financial Transactions. It is the Participant's responsibility to comply with any applicable Tax on Financial Transactions arising from the Participant's participation in the Plan. The Participant should consult with his or her personal tax advisor for additional details.

## **CANADA**

### **Terms and Conditions**

#### Award Settled Only in Shares.

Notwithstanding any discretion in the Plan, the Award of Restricted Share Units shall be settled in Shares only. The Participant is not entitled to receive a cash payment pursuant to the Award.

#### Termination of Service.

The following provision replaces paragraph A "Termination" of Appendix A:

For purposes of the Restricted Share Units, the Participant's employment relationship will be considered terminated (regardless of the reason for such termination and whether or not later found to be invalid or in breach of Canadian laws or the terms of the Participant's employment agreement, if any) effective as of the date that is the earlier of (i) the date of the Participant's termination, (ii) the date the Participant receives notice of termination, or (iii) the date the Participant is no longer actively providing service and will not be extended by any notice period (e.g., active service would not include any contractual notice period or any period of "garden leave" or similar period mandated under Canadian laws or the terms of the Participant's employment agreement, if any). Unless otherwise expressly provided in this Award Agreement or determined by the Company, the Participant's right to vest in the Restricted Share Units, if any, will terminate on such date. The Committee shall have the exclusive discretion to determine when the Participant is no longer actively providing service for purposes of the Restricted Share Unit (including whether the Participant may still be considered to be providing services while on a leave of absence).

*The Following Provisions Apply for Participants Resident in Quebec:*

#### Consent to Receive Information in English.

The Participant acknowledges that it is the express wish of the parties that this Award Agreement, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be written in English.

*Les parties reconnaissent avoir exigé la rédaction en anglais de Conditions d'attribution, ainsi que de tous documents, avis et procédures judiciaires, exécutés, donnés ou intentés en vertu de, ou liés directement ou indirectement à, la présente convention.*

#### Authorization to Release and Transfer Necessary Personal Information.

The following provision supplements paragraph D "Data Privacy" of Appendix A:

The Participant hereby authorizes the Company and the Company's representatives to discuss with and obtain all relevant information from all personnel, professional or not, involved in the administration and operation of the Plan. The Participant further authorizes the Company, any Subsidiary and the administrator of the Plan to disclose and discuss the Plan with their advisors. The Participant further authorizes the Company and any Subsidiary to record such information and to keep such information in the Participant's Employee file.

### ***Notifications***

#### **Securities Law Information.**

The Participant acknowledges that he or she is permitted to sell the Shares acquired under the Plan through the designated broker appointed by the Company, provided the sale of the Shares takes place outside of Canada through facilities of a stock exchange on which the Shares are listed (*i.e.*, the NYSE).

#### **Foreign Asset/Account Reporting Information.**

Canadian residents are required to report to the tax authorities certain foreign property (included Restricted Share Units) on form T1135 (Foreign Income Verification Statement) if the total cost of the foreign property exceeds C\$100,000 at any time in the year. The form must be filed by April 30 of the following year. Restricted Share Units must be reported-generally at a nil cost-if the C\$100,000 cost threshold is exceeded because of other foreign property the Participant holds. If Shares are acquired, their cost generally is the adjusted cost base ("ACB") of the Shares. The ACB would normally equal the fair market value of the Shares at vesting, but if the Participant owns other Shares, this ACB may have to be averaged with the ACB of the other Shares. The Participant should consult with his or her personal legal advisor to ensure compliance with applicable reporting obligations.

### **CHINA**

#### ***Terms and Conditions***

*The following terms and conditions will apply to Participants who are subject to exchange control restrictions and regulations in the People's Republic of China ("the PRC"), including the requirements imposed by the State Administration of Foreign Exchange ("SAFE"), as determined by the Company in its sole discretion:*

#### **Termination of Employment.**

Due to exchange control laws in the PRC, the Participant agrees that the Company reserves the right to require the sale of any Shares acquired at vesting of the Restricted Share Units upon the termination of the Participant's employment for any reason. If the Company, in its discretion, does not exercise its right to require the automatic sale of Shares issuable upon vesting of the Restricted Share Units, as described in the preceding sentence, the Participant understands and agrees that any Shares acquired by the Participant under the Plan must be sold no later than six (6) months after termination of the Participant's employment, or within any other such time frame as permitted by the Company or required by SAFE. The Participant understands that any Shares acquired under the Plan that have not been sold within six (6) months of the Participant's termination of employment will be automatically sold by a designated broker at the Company's discretion, pursuant to this authorization by the Participant.

The Participant agrees that the Company is authorized to instruct its designated broker to assist with the mandatory sale of such Shares (on the Participant's behalf, pursuant to this authorization) and the Participant expressly authorizes the Company's designated broker to complete the sale of such Shares. The Participant also agrees to sign any agreements, forms, and/or consents that may be reasonably requested by the Company (or the designated broker) to effectuate the sale of the Shares (including, without limitation, as to the transfers of the proceeds and other exchange control matters noted below) and shall otherwise cooperate with the Company with respect to such matters, provided that the Participant shall not be permitted to exercise any influence over how, when or whether the sales occur. The Participant acknowledges that the Company's designated broker is under no obligation to arrange for the sale of the Shares at any particular price. Due to fluctuations in the Share price and/or applicable exchange rates between vesting and (if later) the date on which the Shares are sold, the amount of proceeds ultimately distributed to the Participant may be more or less than the market value of the Shares upon vesting (which is the amount relevant to determining the Participant's liability for Tax-Related Items). The Participant understands and agrees that the Company is not responsible for the amount of any loss the Participant may incur and the Company assumes no liability for any fluctuations in the Share price and/or any applicable exchange rate.



Upon the sale of the Shares, the Company agrees to pay the cash proceeds from the sale (less any Tax-Related Items, brokerage fees and commissions) to the Participant in accordance with the applicable exchange control laws and regulations including but not limited to the restrictions set forth in this Appendix B for China below under “Exchange Control Restrictions.”

#### Exchange Control Restrictions.

The Participant understands and agrees that, pursuant to local exchange control requirements, the Participant will be required to immediately repatriate any cash payments or proceeds obtained with respect to participation in the Plan to the PRC. The Participant further understands that such repatriation of any cash payments or proceeds may need to be effectuated through a special exchange control account established by the Company or any Subsidiary, and the Participant hereby consents and agrees that any payment or proceeds may be transferred to such special account prior to being delivered to the Participant. Any payment or proceeds may be paid to the Participant in U.S. dollars or local currency at the Company’s discretion. If the payments or proceeds are paid to the Participant in U.S. dollars, the Participant will be required to set up a U.S. dollar bank account in the PRC (if the Participant does not already have one) so that the payments or proceeds may be deposited into this account. If the payments or proceeds are paid to the Participant in local currency, the Company is under no obligation to secure any particular currency exchange rate and the Company may face delays in converting the payments or proceeds to local currency due to exchange control restrictions. The Participant agrees to bear any currency exchange rate fluctuation risk between the time the cash proceeds are received and the time the cash proceeds are distributed to the Participant through the special account described above.

The Participant further agrees to comply with any other requirements that may be imposed by the Company in the future to facilitate compliance with exchange control requirements in the PRC.

#### **Notifications**

##### Exchange Control Information.

PRC residents may be required to report to SAFE all details of their foreign financial assets and liabilities, as well as details of any economic transactions conducted with non-PRC residents.

#### **FRANCE**

##### **Terms and Conditions**

##### Language Consent.

By accepting the Restricted Share Units and the Award Agreement, which provides for the terms and conditions of the Restricted Share Units, the Participant confirms having read and understood the documents relating to this Award (the Plan and the Award Agreement, including the Appendices) which were provided to the Participant in English. The Participant accepts the terms of those documents accordingly.

*En acceptant l’Attribution d’Actions Attribuées et ce Contrat d’Attribution qui contient les termes et conditions des Actions Attribuées, le Participant confirme avoir lu et compris les documents relatifs à cette attribution (le Plan et le Contrat d’Attribution, ainsi que les Annexes) qui ont été transmis au Participant en langue anglaise. Le Participant accepte ainsi les conditions et termes de ces documents.*

##### **Notifications**

##### Tax Information.

The Restricted Share Units are not intended to be French tax-qualified awards.

##### Foreign Asset/Account Reporting Information.

French residents are required to report all foreign accounts (whether open, current or closed) to the French tax authorities when filing their annual tax returns. The Participant should consult his or her personal advisor to ensure compliance with applicable reporting obligations.

#### **GERMANY**

## ***Notifications***

### Exchange Control Information.

If the Participant receives cross-border payments in excess of €12,500 in connection with the sale of securities (including Shares acquired under the Plan) or the receipt of any dividends or dividend equivalent payments, such payment must be reported monthly to the German Federal Bank (*Bundesbank*). The Participant is responsible for the reporting obligation and should file the report electronically by the fifth day of the month following the month in which the payment is made. A copy of the report (“*Allgemeines Meldeportal Statistik*”) can be accessed via Bundesbank’s website ([www.bundesbank.de](http://www.bundesbank.de)) and is available in both German and English.

## **HUNGARY**

There are no country-specific provisions.

## **INDIA**

### ***Notifications***

#### Exchange Control Information.

Indian residents are required to repatriate to India all proceeds received from the sale of Shares within 90 days of receipt and any dividends or dividend equivalent payments within 180 days of receipt, or within such other period of time as may be required under applicable regulations. The Participant must maintain the foreign inward remittance certificate received from the bank where the foreign currency is deposited in the event that the Reserve Bank of India or the Company requests proof of repatriation. It is the Participant’s responsibility to comply with applicable exchange control laws in India.

#### Foreign Asset/Account Reporting Information.

The Participant is required to declare any foreign bank accounts and any foreign financial assets (including Shares held outside India) in the Participant’s annual tax return. The Participant is responsible for complying with this reporting obligation and should confer with his or her personal tax advisor in this regard.

## **JAPAN**

### ***Notifications***

#### Foreign Asset/Account Reporting Information.

The Participant will be required to report details of any assets held outside of Japan as of December 31 (including any Shares acquired under the Plan) to the extent such assets have a total net fair market value exceeding ¥50,000,000. Such report will be due by March 15 of the following year. The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies to the Participant and whether the Participant will be required to report details of any outstanding Restricted Share Units, Shares or cash held by the Participant in the report.

## **KOREA**

### ***Notifications***

#### Exchange Control Information.

Exchange control laws require Korean residents who realized US\$500,000 or more from the sale of Shares or the receipt of dividends in a single transaction before July 18, 2017 to repatriate the proceeds back to Korea within three years of the sale/receipt.

#### Foreign Asset/Account Reporting Information.

If the Participant is a Korean resident, the Participant must declare all of his or her foreign financial accounts (including any brokerage account) to the Korean tax authority and file a report with respect to such accounts if the value of such accounts exceeds KRW 1 billion (or an equivalent amount in foreign currency). The Participant should consult with his or her personal tax advisor as to whether the reporting obligation applies.

## **MEXICO**

### ***Terms and Conditions***

#### Policy Statement.

The Award of Restricted Share Units is a unilateral and discretionary award and, therefore, the Company reserves the absolute right to amend it and discontinue it at any time without any liability.

The Company, with offices at 390 Park Avenue, New York City, New York, 10022 U.S.A., is solely responsible for the administration of the Plan, and participation in the Plan and the Award of the Restricted Share Units does not, in any way, establish an employment relationship between the Participant and the Company since the Participant is participating in the Plan on a wholly commercial basis and the sole employer is a Mexican Subsidiary, nor does it establish any rights between the Participant and the Employer.

#### Plan Document Acknowledgment.

By accepting the Restricted Share Units, the Participant acknowledges that he or she has received copies of the Plan, has reviewed the Plan and the Award Agreement in their entirety, and fully understands and accepts all provisions of the Plan and the Award Agreement, including the Appendices.

In addition, the Participant expressly approves that: (i) participation in the Plan does not constitute an acquired right; (ii) the Plan and participation in the Plan is offered by the Company on a wholly discretionary basis; (iii) participation in the Plan is voluntary; and (iv) neither the Company nor any Subsidiary is responsible for any decrease in the value of the Shares acquired upon vesting of the Restricted Share Units.

Finally, the Participant hereby declares that he or she does not reserve any action or right to bring any claim against the Company for any compensation or damages as a result of his or her participation in the Plan and therefore grant a full and broad release to the Employer, the Company and its other Subsidiaries with respect to any claim that may arise under the Plan.

### **Spanish Translation**

#### Declaración de Política.

*El Otorgamiento de Unidades de Acciones Restringidas es un otorgamiento unilateral y discrecional y, por lo tanto, la Compañía se reserva el derecho absoluto de modificar y discontinuar el Plan en cualquier tiempo, sin responsabilidad alguna.*

*La Compañía, con oficinas registradas ubicadas en 390 Park Avenue, New York, New York 10022 U.S.A., es únicamente responsable de la administración del Plan, y la participación en el Plan y el Otorgamiento de Unidades de Acciones Restringidas no establecen, de forma alguna, una relación*

*de trabajo entre el Participante y la Compañía, ya que el Participante está participando en el Plan sobre una base comercial y el único patrón es una Afiliada Mexicana y tampoco establece ningún derecho entre usted y el Patrón.*

#### Reconocimiento del Documento del Plan.

*Al aceptar el Otorgamiento de las Unidades de Acciones Restringidas, el Participante reconoce que ha recibido copias del Plan, ha revisado el Plan y los Términos del Otorgamiento en su totalidad y que entiende y acepta completamente todas las disposiciones contenidas en el Plan y en los Términos del Otorgamiento, incluyendo los Apéndices.*

*Adicionalmente, el Participante aprueba expresamente que (i) la participación en el Plan no constituye un derecho adquirido; (ii) el Plan y la participación en el Plan se ofrecen por la Compañía de forma enteramente discrecional; (iii) la participación en el Plan es voluntaria; y (iv) la Compañía, cualquier Filial y el Patrón no son responsables por cualquier disminución en el valor de las Acciones adquiridas al momento de tener derecho en relación con las Unidades de Acciones Restringidas.*

*Finalmente, el Participante declara que no se reserva ninguna acción o derecho para interponer una reclamación o demanda en contra de la Compañía por compensación, daño o perjuicio alguno como resultado de su participación en el Plan y, por lo tanto, otorga el más amplio y total finiquito al Patrón, la Compañía y sus Filiales en relación con cualquier reclamación demanda que pudiera surgir de conformidad con el Plan.*

## **NETHERLANDS**

There are no country-specific provisions.

## **RUSSIA**

### ***Terms and Conditions***

#### U.S. Transaction.

The Participant understands that the grant of the Restricted Share Units is a right to receive Shares if certain conditions are met and that the offer is made by the Company in the United States. Upon vesting of the Restricted Share Units, any Shares to be issued to the Participant shall be delivered to the Participant through a brokerage account in the United States. The Participant is not permitted to sell Shares directly to other Russian legal entities or residents.

### ***Notifications***

#### Exchange Control Information.

Under current exchange control regulations, within a reasonably short time after the sale of Shares acquired upon vesting of the Restricted Share Units or the receipt of dividend equivalent payments, the Participant is required to repatriate such funds received in connection with the Plan to the Participant's bank account in Russia prior to using those proceeds for any purpose including reinvestments. Such proceeds must be initially credited to the Participant through a foreign currency account at an authorized bank in Russia. After the proceeds are initially received in Russia, they may be further remitted to foreign banks in accordance with Russian exchange control laws. The Participant is strongly encouraged to contact the Participant's personal advisor to confirm the applicable Russian exchange control rules because significant penalties may apply in the case of non-compliance and because exchange control requirements may change.

#### Securities Law Information.

The grant of the Restricted Share Units and the distribution of the Plan and all other materials the Participant may receive regarding participation in the Plan do not constitute an offering or the advertising of securities in Russia. The issuance of Shares pursuant to the Plan has not and will not be registered in Russia and, therefore, the Shares may not be used for an offering or public circulation in Russia. In no event will Shares be delivered to the Participant in Russia; all Shares acquired under the Plan will be maintained on the Participant's behalf in the United States.

#### Data Privacy Acknowledgement.

The Participant hereby acknowledges that he or she has read and understands the terms regarding collection, processing and transfer of Data contained in Appendix A to the Award Agreement and by participating in the Plan, the Participant agrees to such terms. In this regard, upon request of the Company or the Employer, the Participant agrees to provide an executed data privacy consent form to the Company or the Employer (or any other agreements or consents that may be required by the Company or the Employer) that the Company and/or the Employer may deem necessary to obtain under the data privacy laws of Russia, either now or in the future.

#### Labor Law Information.

If the Participant continues to hold Shares after involuntary termination, the Participant may not be eligible to receive unemployment benefits in Russia.

#### Anti-Corruption Legislation Information.

Individuals holding public office in Russia, as well as their spouses and dependent children, may be prohibited from opening or maintaining a foreign brokerage or bank account and holding any securities, whether acquired directly or indirectly, in a foreign company (including Shares acquired under the Plan). The Participant is strongly advised to consult with his or her personal legal advisor to determine whether the restriction applies to the Participant.

## **SPAIN**

### ***Terms and Conditions***

#### **No Entitlement for Claims or Compensation.**

The following provisions supplement paragraph A “Termination” of Appendix A.

By accepting the Restricted Share Units, the Participant consents to participation in the Plan and acknowledges that Participant has received a copy of the Plan.

The Participant understands and agrees that, as a condition of the grant of the Restricted Share Units, if the Participant’s employment terminates, unless otherwise provided in the Award Agreement or by the Company, any unvested Restricted Share Units shall be forfeited without entitlement to the underlying Shares or to any amount as indemnification in the event of a termination, including, but not limited to: resignation, disciplinary dismissal adjudged to be with cause, disciplinary dismissal adjudged or recognized to be without cause, individual or collective layoff on objective grounds, whether adjudged to be with cause or adjudged or recognized to be without cause, material modification of the terms of employment under Article 41 of the Workers’ Statute, relocation under Article 40 of the Workers’ Statute, Article 50 of the Workers’ Statute, unilateral withdrawal by the Employer, and under Article 10.3 of Royal Decree 1382/1985.

The Participant understands that the Company has unilaterally, gratuitously and in its sole discretion decided to grant Restricted Share Units under the Plan to individuals who may be Employees of the Company or a Subsidiary. The decision is limited and entered into based upon the express assumption and condition that any Restricted Share Units will not economically or otherwise bind the Company or any Subsidiary, including the Employer, on an ongoing basis, other than as expressly set forth in the Award Agreement. Consequently, the Participant understands that the Restricted Share Units are granted on the assumption and condition that the Restricted Share Units shall not become part of any employment or service agreement (whether with the Company or any Subsidiary, including the Employer) and shall not be considered a mandatory benefit, salary for any purpose (including severance compensation) or any other right whatsoever. Furthermore, the Participant understands and freely accepts that there is no guarantee that any benefit whatsoever shall arise from the grant of Restricted Share Units, which is gratuitous and discretionary, since the future value of the Restricted Share Units and the underlying Shares is unknown and unpredictable. The Participant also understands that the grant of Restricted Share Units would not be made but for the assumptions and conditions set forth hereinabove; thus, the Participant understands, acknowledges and freely accepts that, should any or all of the assumptions be mistaken or any of the conditions not be met for any reason, the Restricted Share Unit and any right to the underlying Shares shall be null and void.

### ***Notifications***

#### **Securities Law Information.**

No “offer of securities to the public”, as defined under Spanish law, has taken place or will take place in the Spanish territory with respect to the Restricted Share Units. No public offering prospectus has been nor will be registered with the Comisión Nacional del Mercado de Valores (Spanish Securities Exchange Commission) (“CNMV”). Neither the Plan nor the Award Agreement constitute a public offering prospectus and they have not been, nor will they be, registered with the CNMV.

#### **Exchange Control Information.**

It is the Participant’s responsibility to comply with exchange control regulations in Spain. The Participant must declare the acquisition of Shares for statistical purposes to the Spanish Dirección General de Comercio e Inversiones (the “DGCI”) of the Ministry of Economy and Competitiveness. In addition, the Participant must also file a Form D-6 with the Directorate of Foreign Transaction each January in which the Shares are owned. The sale of Shares also must be declared on Form D-6 filed with the DGCI in January, unless the sale proceeds exceed the applicable threshold (currently €1,502,530), in which case, the filing is due within one month after the sale.

#### **Foreign Asset/Account Reporting Information.**

The Participant is required to declare electronically to the Bank of Spain any securities accounts (including brokerage accounts held abroad), as well as the Shares held in such accounts if the value of the transactions during the prior tax year or the balances in such accounts as of December 31 of the prior tax year exceed €1,000,000.

Further, to the extent that the Participant holds Shares and/or has bank accounts outside Spain with a value in excess of €50,000 (for each type of asset) as of December 31, the Participant will be required to report information on such assets on his or her tax return (tax form 720) for such year. After such Shares and/or accounts are initially reported, the reporting obligation will apply for subsequent years only if the value of any previously-reported Shares or accounts increases by more than €20,000 or if the Participant sells or otherwise disposes of any previously-reported Shares or accounts.

## **SWITZERLAND**

### ***Notifications***

#### **Securities Law Information.**

The grant of the Restricted Share Units under the Plan is considered a private offering in Switzerland and is, therefore, not subject to registration in Switzerland. Neither this document nor any other material related to the Restricted Share Units constitutes a prospectus as such term is understood pursuant to Article 652a of the Swiss Code of Obligations, and neither this document nor any other materials related to the Restricted Share Units may be publicly distributed or otherwise made publicly available in Switzerland. Neither this document nor any other offering or marketing materials relating to the Restricted Share Units have been or will be filed with, approved or supervised by any Swiss regulatory authority (in particular, the Swiss Financial Market Supervisory Authority (FINMA)).

## **UNITED KINGDOM**

### ***Terms and Conditions***

#### **Responsibility for Taxes.**

The following supplements paragraph B “Responsibility for Taxes” of Appendix A:

Without limitation to paragraph B “Responsibility for Taxes” of Appendix A, the Participant agrees that the Participant is liable for all Tax-Related Items and hereby covenants to pay all such Tax-Related Items as and when requested by the Company or the Employer or by Her Majesty’s Revenue & Customs (“HMRC”) (or any other tax authority or any other relevant authority). The Participant also agrees to indemnify and keep indemnified the Company and the Employer against any Tax-Related Items that they are required to pay or withhold or have paid or will have to pay to HMRC (or any other tax authority or any other relevant authority) on the Participant’s behalf.

Notwithstanding the foregoing, if the Participant is a Director or executive officer of the Company (within the meaning of Section 13(k) of the U.S. Securities Exchange Act of 1934), the Participant may not be able to indemnify the Company or the Employer for the amount of any income tax not collected from or paid by the Participant, as it may be considered a loan. In this case, the amount of any uncollected income tax may constitute a benefit to the Participant on which additional income tax and employee National Insurance contributions (“NICs”) may be payable. The Participant agrees to report and pay any income tax due on this additional benefit directly to HMRC under the self-assessment regime and to pay the Employer for the value of the employee NICs due on this additional benefit, which the Company or the Employer may recover from the Participant by any of the means referred to in the Award Agreement, including the Appendices.

**COMPUTATIONS OF RATIO OF EARNINGS TO FIXED CHARGES AND RATIO OF EARNINGS TO COMBINED FIXED CHARGES AND  
PREFERRED STOCK DIVIDENDS**  
(in millions, except ratios)

For the six months ended June 30,	2018
<b>Earnings:</b>	
Income before income taxes	\$ 393
Fixed charges added to earnings	212
Amortization of capitalized interest:	
Consolidated	7
Proportionate share of 50 percent-owned persons	—
<b>Total earnings</b>	<b>\$ 612</b>
<b>Fixed Charges:</b>	
Interest expense	
Consolidated	\$ 203
Proportionate share of 50 percent-owned persons	—
	<b>\$ 203</b>
Amount representative of the interest factor in rents:	
Consolidated	\$ 9
Proportionate share of 50 percent-owned persons	—
	<b>\$ 9</b>
Fixed charges added to earnings	<b>\$ 212</b>
Interest capitalized:	
Consolidated	\$ 10
Proportionate share of 50 percent-owned persons	—
	<b>\$ 10</b>
Preferred stock dividend requirements of majority-owned subsidiaries	\$ —
<b>Total fixed charges</b>	<b>\$ 222</b>
Pretax earnings required to pay preferred stock dividends*	1
<b>Combined total fixed charges and preferred stock dividends</b>	<b>\$ 223</b>
Ratio of earnings to fixed charges	2.76
Ratio of earnings to combined fixed charges and preferred stock dividends	2.74

\* Based on a U.S. statutory tax rate of 21%.

August 2, 2018

Securities and Exchange Commission  
100 F Street, NE  
Washington, D.C. 20549

Commissioners:

We are aware that our report dated August 2, 2018 on our review of interim financial information of Arconic Inc., which appears in this Quarterly Report on Form 10-Q, is incorporated by reference in the Registration Statement on Form S-8 (Nos. 333-32516, 333-106411, 333-128445, 333-146330, 333-153369, 333-155668, 333-159123, 333-168428, 333-170801, 333-182899, 333-189882, 333-203275, 333-209772, and 333-212246) of Arconic Inc.

Very truly yours,

/s/ PricewaterhouseCoopers LLP

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PricewaterhouseCoopers LLP

Pittsburgh, Pennsylvania



## Certifications

I, Charles P. Blankenship, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Arconic Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 2, 2018

/s/ Charles P. Blankenship

Name: Charles P. Blankenship

Title: Chief Executive Officer

I, Ken Giacobbe, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Arconic Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 2, 2018

/s/ Ken Giacobbe

Name: Ken Giacobbe

Title: Executive Vice President and Chief Financial Officer

**Certification**  
**Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code), each of the undersigned officers of Arconic Inc., a Delaware corporation (the "Company"), does hereby certify that:

The quarterly report on Form 10-Q for the quarter ended June 30, 2018 (the "Form 10-Q") of the Company fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934 and information contained in the Form 10-Q fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated:	August 2, 2018 /s/ Charles P. Blankenship
	Name: Charles P. Blankenship
	Title: Chief Executive Officer

Dated:	August 2, 2018 /s/ Ken Giacobbe
	Name: Ken Giacobbe
	Title: Executive Vice President and Chief Financial Officer

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

The foregoing certification is being furnished to the Securities and Exchange Commission as an exhibit to the Form 10-Q and shall not be considered filed as part of the Form 10-Q.