Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2021

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [X] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶ [ ]

Part II Basic Plan Information—enter all requested information

1a Name of plan
PENSION PLAN FOR ELIGIBLE SALARIED EES OF RMI TITANIUM COMPANY

1b Three-digit plan number (PN) ▶ 004

1c Effective date of plan 04/01/1964

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)

RMI TITANIUM CO., LLC

HOWMET AEROSPACE INC.

201 ISABELLA STREET, SUITE 200
PITTSBURGH, PA 15212-5872

201 ISABELLA STREET, SUITE 200
PITTSBURGH, PA 15212-5872

2b Employer Identification Number (EIN)
31-0875005

2c Plan Sponsor's telephone number
412-553-4545

2d Business code (see instructions)
551112

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/06/2022	DAVID ADAMS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] Same as Plan Sponsor

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:

a Sponsor's name

c Plan Name

4b EIN

4d PN

5	Total number of participants at the beginning of the plan year	**5**	921
6	Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1)	Total number of active participants at the beginning of the plan year	**6a(1)**	38
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	0
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	0
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	0
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f	Total. Add lines **6d** and **6e**	**6f**	0
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

1A 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

- **(1)** [ ] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] Trust
- **(4)** [ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- **(1)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [X] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [ ] ___ **A** (Insurance Information)
- **(4)** [ ] **C** (Service Provider Information)
- **(5)** [X] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
PENSION PLAN FOR ELIGIBLE SALARIED EES OF RMI TITANIUM COMPANY

B Three-digit plan number (PN) ▶ 004

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
RMI TITANIUM CO., LLC

D Employer Identification Number (EIN)
31-0875005

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2021

2 Assets:

a Market value	**2a**	89332017
b Actuarial value	**2b**	81692459

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	707	58666874	58666874
b For terminated vested participants	176	8125056	8125056
c For active participants	38	5561378	6105868
d Total	921	72353308	72897798

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.52 %
6 Target normal cost		
a Present value of current plan year accruals	**6a**	0
b Expected plan-related expenses	**6b**	240000
c Total (line 6a + line 6b)	**6c**	240000

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Signature of actuary

09/21/2022
Date

AUDREY A. CERVAS
Type or print name of actuary

20-06430
Most recent enrollment number

BUCK GLOBAL, LLC
Firm name

412-281-2506
Telephone number (including area code)

11 STANWIX STREET, SUITE 700
PITTSBURGH, PA 15222-1312
Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	6044195
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	695302
9	Amount remaining (line 7 minus line 8)		5348893
10	Interest on line 9 using prior year's actual return of 14.74 %		788427
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		1821631
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.66 %		63750
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		102488
	c Total available at beginning of current plan year to add to prefunding balance		1987869
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	6137320

Part III Funding Percentages

14	Funding target attainment percentage	14	103.64 %
15	Adjusted funding target attainment percentage	15	105.68 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	96.39 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ► 18(b)	0	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
4.75 %	5.36 %	6.11 %	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	63

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☐ Prescribed - separate ☒ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6c)	**31a**	240000
b Excess assets, if applicable, but not greater than line 31a	**31b**	240000

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	0

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)	**36**	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	0
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
PENSION PLAN FOR ELIGIBLE SALARIED EES OF RMI TITANIUM COMPANY

B Three-digit plan number (PN) ▶ 004

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM CO., LLC

D Employer Identification Number (EIN)
31-0875005

Part I **Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**
(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: RMI RETIREMENT PLANS TRUST

b Name of sponsor of entity listed in (a): RMI TITANIUM CO., LLC

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
31-0875005-106	M	0

a Name of MTIA, CCT, PSA, or 103-12 IE: HOWMET AEROSPACE RETIREMENT PLAN MT

b Name of sponsor of entity listed in (a): HOWMET AEROSPACE INC.

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
25-0317820-038	M	0

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**
(Complete as many entries as needed to report all participating plans)

a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
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a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
PENSION PLAN FOR ELIGIBLE SALARIED EES OF RMI TITANIUM COMPANY

B Three-digit plan number (PN) ▶ 004

C Plan sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM CO., LLC

D Employer Identification Number (EIN)
31-0875005

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	2000000	0
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	87460864	0
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

			(a) Beginning of Year	**(b)** End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)		
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	89460864	0
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h	53582	0
i	Acquisition indebtedness	1i		
j	Other liabilities	1j		
k	Total liabilities (add all amounts in lines 1g through1j)	1k	53582	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	89407282	0

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

	Income		**(a)** Amount	**(b)** Total
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)		
	(B) Participants	2a(1)(B)		
	(C) Others (including rollovers)	2a(1)(C)		
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
	(B) U.S. Government securities	2b(1)(B)		
	(C) Corporate debt instruments	2b(1)(C)		
	(D) Loans (other than to participants)	2b(1)(D)		
	(E) Participant loans	2b(1)(E)		
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)		
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)		
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		3937233
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		3937233
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6232419	
(2) To insurance carriers for the provision of benefits	2e(2)	71672000	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		77904419
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	126230	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	79206	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		205436
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		78109855
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-74172622
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		15234660

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [X] Unmodified (2) [ ] Qualified (3) [ ] Disclaimer (4) [ ] Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) [X] DOL Regulation 2520.103-8 (2) [ ] DOL Regulation 2520.103-12(d) (3) [ ] neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: BAKER TILLY US, LLP (2) EIN: 39-0859910

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. (2) [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	

			Yes	No	Amount
b	Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		25000000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i		X	
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k	X		
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	4n		X	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)
HOWMET CORPORATION PENSION PLAN	13-2838093	016

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 437769.

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan
PENSION PLAN FOR ELIGIBLE SALARIED EES OF RMI TITANIUM COMPANY

B Three-digit plan number (PN) ▶ 004

C Plan sponsor's name as shown on line 2a of Form 5500
RMI TITANIUM CO., LLC

D Employer Identification Number (EIN)
31-0875005

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1** 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 25-1926855

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3** 0

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☒ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☒ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☒ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	**14a**	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14b**	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: 40.0 % Investment-Grade Debt: 30.0 % High-Yield Debt: 4.0 % Real Estate: 5.0 % Other: 21.0 %

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☒ 21 years or more

c What duration measure was used to calculate line 19(b)?
☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

20 **PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

Employees' Retirement Plans of Howmet Aerospace Inc. and Subsidiary Companies

Financial Statements
December 31, 2021 and 2020

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Note: Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA") have been omitted as they are not applicable.

Independent Auditors' Report

To the Participants and Plan Administrator of the
Employees' Retirement Plans of Howmet Aerospace Inc. and Subsidiary Companies

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Individual Plan Financial Statements

We have performed an audit of the individual plan financial statements of the plans identified in the table below (collectively, the Plans), employee benefit plans subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The individual plan financial statements comprise the statements of individual plan net assets available for benefits as of December 31, 2021, and the related statements of changes in individual plan net assets available for benefits for the year then ended, and the related notes to the individual plan financial statements.

Plans Included in Scope of the ERISA Section 103(a)(3)(C) Audit
Howmet Aerospace Retirement Plan
Huck International Inc. Retirement Plan (Huck Plan)
Howmet Corporation Muskegon County Operations Hourly Employees' Pension Plan (Muskegon Plan)
Howmet Corporation Pension Plan (Howmet Merged Plan)
Pension Plan for Eligible Salaried Employees of RMI Titanium Company (RMI Salaried Plan)
Pension Plan of RMI Titanium Company (RMI Hourly Plan)

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Plans' 2021 individual plan financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plans (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note 8 to the individual plan financial statements, is complete and accurate.

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Opinion on the 2021 Individual Plan Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2021 Individual Plan Financial Statements section:

- the amounts and disclosures in the 2021 individual plan financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

- the information in the 2021 individual plan financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2021 Individual Plan Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2021 Individual Plan Financial Statements section of our report. We are required to be independent of the Plans and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for 2021 the Individual Plan Financial Statements

Management is responsible for the preparation and fair presentation of the individual plan financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of individual plan financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the individual plan financial statements.

In preparing the individual plan financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plans' ability to continue as a going concern within one year after the date that the individual plan financial statements are available to be issued.

Management is also responsible for maintaining current plan instruments, including all plan amendments, administering the Plans, and determining that the Plans' transactions that are presented and disclosed in the individual plan financial statements are in conformity with the Plans' provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audit of the 2021 Individual Plan Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Individual Plan Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the individual plan financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the individual plan financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the individual plan financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the individual plan financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plans' internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the individual plan financial statements.

- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plans' ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the 2021 individual plan financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the individual plan financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings and certain internal control-related matters that we identified during the audit.

Other Matter – Auditors' Report on 2020 Individual Plan Financial Statements

The 2020 individual plan financial statements of the Plans were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed the predecessor auditors not to perform, and they did not perform, any auditing procedures with respect to the information certified by a qualified institution. Their report dated September 27, 2021, indicated that (a) because of the significance of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, they did not express an opinion on the 2020 individual plan financial statements, and (b) the form and content of the information included in the 2020 individual plan financial statements, other than that derived from the information certified by the trustee, were presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Baker Tilly US, LLP

Pittsburgh, Pennsylvania
October 3, 2022

Employees' Retirement Plans of Howmet Aerospace Inc. and Subsidiary Companies
Statement of Individual Plan Net Assets Available for Benefits
December 31, 2021

	Howmet Aerospace Retirement Plan	Huck Plan	Muskegon Plan	Howmet Merged Plan (formerly the "Howmet Plan")	RMI Salaried Plan	RMI Hourly Plan
Assets						
Investments						
Plans' interest in Howmet Aerospace Retirement Plans Master Trust at fair value (Note 3)	$1,014,051,764	$ —	$ 51,084,538	$ 124,403,635	$ —	$ 79,475,734
Plans' interest in RMI Retirement Plans Master Trust at fair value (Note 3)	—	—	—	2,581,938	—	5,240,652
Total investments	1,014,051,764	—	51,084,538	126,985,573	—	84,716,386
Employer contributions receivable (Note 10)	13,278,291	—	—	—	—	—
Other receivable (Note 10)	—	—	280,517	857,330	—	—
Total assets	1,027,330,055	—	51,365,055	127,842,903	—	84,716,386
Liabilities						
Administrative expenses payable	140,087	—	31,250	100,713	—	44,690
Total liabilities	140,087	—	31,250	100,713	—	44,690
Net assets available for benefits	$1,027,189,968	$ —	$ 51,333,805	$ 127,742,190	$ —	$ 84,671,696

The accompanying notes are an integral part of these financial statements.

Employees' Retirement Plans of Howmet Aerospace Inc. and Subsidiary Companies
Statement of Individual Plan Net Assets Available for Benefits
December 31, 2020

	Howmet Aerospace Retirement Plan	Huck Plan	Muskegon Plan	Howmet Plan	RMI Salaried Plan	RMI Hourly Plan
Assets						
Investments						
Plans' interest in Howmet Aerospace Retirement Plans Master Trust at fair value (Note 3)	$ 991,309,552	$ 16,968,084	$ 86,987,917	$ 119,401,290	$ 79,951,438	$ 76,738,746
Plans' interest in RMI Retirement Plans Master Trust at fair value (Note 3)	—	—	—	—	7,509,426	7,209,133
Total investments	991,309,552	16,968,084	86,987,917	119,401,290	87,460,864	83,947,879
Employer contributions receivable (Note 10)	25,861,344	—	1,366,247	3,834,042	2,000,000	—
Total assets	1,017,170,896	16,968,084	88,354,164	123,235,332	89,460,864	83,947,879
Liabilities						
Administrative expenses payable	248,126	4,508	17,315	55,231	53,582	21,232
Total liabilities	248,126	4,508	17,315	55,231	53,582	21,232
Net assets available for benefits	$1,016,922,770	$ 16,963,576	$ 88,336,849	$ 123,180,101	$ 89,407,282	$ 83,926,647

The accompanying notes are an integral part of these financial statements.

Employees' Retirement Plans of Howmet Aerospace Inc. and Subsidiary Companies
Statement of Changes in Individual Plan Net Assets Available for Benefits
Year Ended December 31, 2021

	Howmet Aerospace Retirement Plan	Huck Plan	Muskegon Plan	Howmet Merged Plan	RMI Salaried Plan	RMI Hourly Plan
Additions						
Employer contributions	$ 39,278,291	$ —	$ 9,116,000	$ 2,100,000	$ —	$ —
Plans' interest in Howmet Aerospace Retirement Plans Master Trust investment income	73,001,556	958,721	4,501,319	7,403,031	2,993,228	5,979,249
Plans' interest in RMI Retirement Plans Master Trust investment income	—	—	—	—	944,005	401,365
Total additions	112,279,847	958,721	13,617,319	9,503,031	3,937,233	6,380,614
Deductions						
Benefit payments	93,751,021	1,332,526	20,065,799	14,331,514	6,232,419	5,433,213
PBGC premiums	7,163,632	52,632	648,628	1,899,838	79,206	52,030
Annuity buyout premiums (Note 10)	—	4,269,000	29,712,483	15,753,670	71,672,000	—
Administrative expenses	1,097,996	83,170	193,453	375,549	126,230	150,322
Total deductions	102,012,649	5,737,328	50,620,363	32,360,571	78,109,855	5,635,565
Net increase (decrease) prior to Plan transfers	10,267,198	(4,778,607)	(37,003,044)	(22,857,540)	(74,172,622)	745,049
Plan transfers (Note 1)	—	(12,184,969)	—	27,419,629	(15,234,660)	—
Net increase (decrease)	10,267,198	(16,963,576)	(37,003,044)	4,562,089	(89,407,282)	745,049
Net assets available for benefits						
Beginning of the year	1,016,922,770	16,963,576	88,336,849	123,180,101	89,407,282	83,926,647
End of the year	$1,027,189,968	$ —	$ 51,333,805	$ 127,742,190	$ —	$ 84,671,696

The accompanying notes are an integral part of these financial statements.

1. Description of Plans

The following description of each Plan's provisions provides only general information. Participants should refer to each Plan document for a more complete description of each Plan's provisions.

General

The Howmet Aerospace Inc. and Subsidiary Companies' ("Howmet" or the "Company") Howmet Aerospace Retirement Plan ("Howmet Aerospace Retirement Plan"), Huck International, Inc. Retirement Plan ("Huck Plan"), Howmet Corporation Muskegon County Operations Hourly Employees' Pension Plan ("Muskegon Plan"), Howmet Corporation Pension Plan ("Howmet Plan"), Pension Plan of RMI Titanium Company ("RMI Hourly Plan") and the Pension Plan for Eligible Salaried Employees of the RMI Titanium Company ("RMI Salaried Plan") (each referred to as the "Plan") are non-contributory defined benefit plans that cover eligible United States employees and participate in the Howmet Aerospace Retirement Plans Master Trust ("Howmet Master Trust") at December 31, 2021 and 2020. The RMI Hourly Plan and the RMI Salaried Plan also participate in the RMI Retirement Plans Master Trust ("RMI Master Trust").

Effective December 31, 2021, the assets and benefit obligations attributable to the RMI Salaried Plan and the Huck Plan were transferred into the Howmet Plan, upon which the Howmet Plan was renamed the Howmet Merged Pension Plan ("Howmet Merged Plan"). Assets transferred from the RMI Salaried Plan and the Huck Plan within the Howmet Master Trust amounted to $12,652,722 and $12,184,969, respectively. Benefit obligations transferred amounted to $22,863,892 and $6,259,856, respectively.

With the merging of the RMI Salaried Plan into the Howmet Merged Plan, the RMI Salaried Plan's interest in the RMI Master Trust was transitioned to the Howmet Merged Plan. The total transfer amounted to $2,581,938.

The investments of the Plans are maintained under trusts pursuant to the "Howmet Master Trust Agreement" and "RMI Retirement Plans Master Trust Agreement" with the trustee, The Bank of New York Mellon ("trustee").

All fiduciary responsibility for the Plans is maintained by the Howmet Benefits Management Committee and Howmet Benefits Investment Committee. The Plans are subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

The Plans provide, in general, for monthly pensions upon retirement at or after age 65, or earlier upon disability, incapacity, special circumstances or with certain minimum age and service requirements. Pension benefits generally depend upon length of service, job grade or remuneration, and certain social security and other benefits. Lump sum payment options are available for the Howmet Aerospace Retirement Plan, Howmet Merged Plan and Muskegon Plan.

Eligibility and Vesting

Non-bargained hourly employees hired before January 8, 2018 are eligible to participate in the Howmet Merged Plan after they have attained age 21 with one year of service. Effective January 8, 2018, non-bargained hourly hires and rehires are not eligible to participate in the Howmet Merged Plan.

Salaried and non-bargained employees hired before March 1, 2006 are eligible to participate in the Howmet Aerospace Retirement Plan after they have attained age 21 with one year of service. Effective March 1, 2006, salaried and non-bargained hourly hires and rehires are not eligible to participate in the Howmet Aerospace Retirement Plan. Collective bargained employees hired prior to the date specified in their collective bargaining agreement are eligible to participate in the Howmet Aerospace Retirement Plan after they have attained age 21 with one year of service. Effective on the date specified in their collective bargaining agreement, collective bargained hires and rehires are not eligible to participate in the Howmet Aerospace Retirement Plan.

Employees hired or rehired prior to January 1, 2006 are eligible to participate immediately in the RMI Salaried Plan.

Employees hired or rehired prior to October 15, 2003 are eligible to participate immediately in the RMI Hourly Plan.

Effective January 1, 2002, participants in the Huck Plan and salaried participants in the Howmet Merged Plan are no longer accruing benefits. Benefits are being provided to retired participants and will be provided to deferred vested participants in accordance with the Plan provisions applicable at the time of their termination.

Employees hired or rehired prior to January 1, 1999 are eligible to participate immediately in the Muskegon Plan.

All eligible participants currently accruing service in the Plans fully vest after five years of vesting service except certain eligible salaried participants in the Howmet Merged Plan which fully vest after three years of service.

All Plans are frozen to new participants.

Benefit Provisions
The benefit provisions for the salaried and non-union participants in Howmet Aerospace Retirement Plan determine the retirement benefit on a compensation-based formula. The benefits for union participants in the Howmet Aerospace Retirement Plan are determined on a factor times years of service basis.

The Muskegon Plan, RMI Hourly Plan and hourly participants in the Howmet Merged Plan determine the retirement benefits on a factor times years of service.

The benefit provisions for the former Huck Plan and salaried participants in the Howmet Merged Plan determine benefits for service through December 31, 2001 based on a percentage of monthly earnings. This percentage was based on age at month end. In addition, accumulated benefits for salaried participants in the Huck Plan and Howmet Merged Plan include a cash balance for which only interest credits are being earned.

Benefits for the former RMI Salaried Plan are determined based upon the participants' compensation and/or number of years of continuous service.

Normal retirement for the Howmet Aerospace Retirement Plan and the former Huck Plan is age 65 with five years of service.

Normal retirement for the Muskegon Plan and the Howmet Merged Plan is age 62 with five years of service.

Normal retirement for the RMI Hourly Plan and the former RMI Salaried Plan is 65 with five or more years of continuous service.

Effective April 1, 2018, benefit accruals for future service and compensation for all salaried and non-bargaining hourly employees ceased. This action impacted the Howmet Aerospace Retirement Plan, Howmet Merged Plan and the former RMI Salaried Plan. Effective January 1, 2019, benefit accruals for future service for participants in the Muskegon Plan ceased. These plan amendments do not impact each of the plan's actuarial present value of accumulated plan benefits.

All Howmet plans have death and disability benefits. Full descriptions of these benefit provisions are included in each Plan document.

Risks and Uncertainties
The Plans invest in investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. At December 31, 2021, the Howmet Master Trust had a commingled trust fund of approximately $180,000,000 that constituted approximately 14% of the Master Trusts' total net assets. Due to the level of risk associated with certain investment securities and concentration noted above, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and such changes could materially affect the amounts reported in the Statements of Individual Plan Net Assets Available for Benefits and Statements of Changes in Individual Plan Net Assets Available for Benefits.

The Plans' contributions and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the individual Plans' financial statements.

Termination of Plans
Benefits under the Plans are insured by the Pension Benefit Guaranty Corporation ("PBGC"). Should the Plans terminate at some future time, the net assets of the Plans generally will not be available on a pro-rata basis to provide participants' benefits. Whether a particular participant's accumulated plan benefits will be paid depends on both the priority of those benefits and the level of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided for by the then existing assets and the PBGC guaranty, while other benefits may not be provided for at all.

A full description of each Plan's termination priorities is available in each Plan document.

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plans are prepared under the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("US GAAP").

Use of Estimates

The preparation of the financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

Investments are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for a discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Plans' interest in Howmet Master Trust and RMI Master Trust investment income includes the Plans' unrealized and realized gains and losses on investments, dividends, interest income, and investment management/trustee fees.

The fair value of the Plans' interest in the Howmet Master Trust and the RMI Master Trust investment income is based on the beginning-of-year (period) value plus actual contributions and allocated investment income less actual distributions, allocated investment gain and administrative expenses.

The individual Plans participate in the operations of the Howmet Master Trust through the purchase and sale of units. Cash inflows and outflows between the Plans and the Howmet Master Trust are accounted for at the beginning-of-the-month unit value. Units are revalued monthly to reflect changes in the investment values. Net investment income and losses are allocated to the Plans that participate in the Howmet Master Trust based on each of these Plans' units held.

Additionally, the RMI Hourly Plan and the RMI Salaried Plan (through December 31, 2021) and the Howmet Merged Plan (effective December 31, 2021) participate in the operations of the RMI Retirement Plans Master Trust through the purchase and sale of units. Cash inflows and outflows between these plans and the RMI Retirement Plans Master Trust are accounted for at the beginning-of-the-month (period) unit value. Units are revalued monthly to reflect changes in the investment values. Net investment income and losses are allocated to the Plans that participate in the RMI Master Trust based on each of these Plans' units held.

Benefit Payments

Benefit payments to participants are recorded when paid.

Administrative Expenses
Audit, legal, actuarial, recordkeeping, and other administrative expenses are paid by the Plans. Expenses for services provided for the Howmet Master Trust and the RMI Master Trust are allocated to the Plans ratably, if applicable. Expenses for services provided directly to a specific plan are attributed to only that plan.

Investment Management/Trustee Fees
Investment management and trustee fees are paid by the Plans and are included in Plans' interest in investment income.

Employer Contributions Receivable
Employer contributions receivable represent the remaining funding amounts Howmet is required to contribute to meet the minimum contribution levels established by law or as a result of a formal commitment by Howmet to make a contribution into the respective Plans.

Funding Policy
The Plans are defined benefit pension plans. No employee contributions to the Plans are required or permitted. Howmet contributes such amounts as are necessary on an actuarial basis to provide the individual Plans with assets sufficient to meet the benefits to be paid to current and future retirees or their beneficiaries. The minimum contributions required, if any, for the Plans are designed to fund the target normal cost and an amortization installment towards any funding shortfalls. A funding shortfall occurs when there is an excess of funding target liability over the actuarial value of plan assets. Prior to the American Rescue Plan Act ("ARPA"), the amortization installment was designed to fully fund the funding shortfall in a given year over a 7-year period. ARPA extends this amortization period to 15 years beginning no later than the 2022 plan year, but plan sponsors have the option of applying this change as far back as 2019. Howmet elected to extend the amortization period to 15 years starting with the 2020 plan year for all plans.

The actuarial determined pension contribution is calculated using the unit credit cost method. The funding target liability is the present value of accrued benefits and based on compensation and service to date. The target normal cost is the present value of benefits expected to be accrued during the current plan year, reflecting the effect of expected compensation increases during the year and including expected expenses to be paid from plan assets during the year.

The Plans have met the minimum funding requirements under the provisions of ERISA in 2021.

Investment Policy and Strategy
Howmet's investment policy at December 31, 2021 is as follows:

Asset Category	Policy Range
Equity securities	20-55 %
Debt securities	25-55
Other	15-35

The principal objectives underlying the investment of the Plans' assets are to ensure that Howmet can properly fund benefit obligations as they become due under a broad range of potential economic and financial scenarios, maximize the long-term investment return with an acceptable level of risk based on such obligations, and broadly diversify investments across and within various asset classes to protect asset values against adverse movements. Specific objectives for long-term investment strategy include reducing the volatility of pension assets relative to pension liabilities and achieving diversification across the balance of the asset portfolio. The use of derivative instruments is permitted where appropriate and necessary for achieving overall investment policy objectives. The investment strategy uses long duration cash bonds and derivative instruments to offset a portion of the interest rate sensitivity of U.S. pension liabilities. Exposure to broad equity risk is decreased and diversified through investments in discretionary and systematic macro hedge funds, long/short equity hedge funds, high yield bonds, emerging market debt and global and emerging market equities. Investments are further diversified by strategy, asset class, geography, and sector to enhance returns and mitigate downside risk. A large number of external investment managers are used to gain broad exposure to the financial markets and to mitigate manager-concentration risk.

Investment practices comply with the requirements of ERISA and other applicable laws and regulations.

3. Plans' Interest in Howmet Master Trust and RMI Retirement Plans Master Trust

At December 31, 2021 net assets were comprised of the following:

	Howmet Aerospace Retirement Plan	Muskegon Plan	Howmet Merged Plan	RMI Hourly Plan	Howmet Master Trust Net Assets
Investments at fair value					
Cash and cash equivalents	$ 14,732,632	$ 742,180	$ 1,807,396	$ 1,154,662	$ 18,436,870
Fixed income securities	302,091,893	15,218,380	37,060,564	23,676,281	378,047,118
Equity securities - common stocks	1,830,400	92,209	224,553	143,457	2,290,619
Equity securities - commingled trust funds	470,050,683	23,679,582	57,665,708	36,839,957	588,235,930
Futures contracts	803,742	40,490	98,603	62,993	1,005,828
Alternative investments	210,568,312	10,607,728	25,832,472	16,503,172	263,511,684
Total investments at fair value	1,000,077,662	50,380,569	122,689,296	78,380,522	1,251,528,049
Receivable for sales pending settlement and interest earned (net of payable for investments purchased)	13,974,102	703,969	1,714,339	1,095,212	17,487,622
Total value of interest in Howmet Master Trust at fair value	$ 1,014,051,764	$ 51,084,538	$ 124,403,635	$ 79,475,734	$ 1,269,015,671

	Howmet Merged Plan	RMI Hourly Plan	RMI Master Trust Net Assets
Investments at fair value			
Cash and cash equivalents	$ 133,520	$ 271,009	$ 404,529
Alternative investments	2,448,418	4,969,643	7,418,061
Total value of interest in RMI Retirement Plans Master Trust at fair value	$ 2,581,938	$ 5,240,652	$ 7,822,590

At December 31, 2020 net assets were comprised of the following:

	Howmet Aerospace Retirement Plan	Huck Plan	Muskegon Plan	Howmet Plan	RMI Salaried Plan	RMI Hourly Plan	Howmet Master Trust Net Assets
Investments at fair value							
Cash and cash equivalents	$ 104,717,621	$ 1,792,434	$ 9,189,024	$ 12,613,032	$ 8,445,721	$ 8,106,347	$ 144,864,179
Fixed income securities	339,467,102	5,810,603	29,788,411	40,888,146	27,378,817	26,278,653	469,611,732
Equity securities - common stocks	171,947,590	2,943,199	15,088,488	20,710,750	13,867,976	13,310,719	237,868,722
Equity securities - registered investment companies	44,567,233	762,850	3,910,797	5,368,036	3,594,452	3,450,016	61,653,384
Equity securities - commingled trust funds	126,187,990	2,159,939	11,073,060	15,199,096	10,177,357	9,768,400	174,565,842
Equity securities - put and call option contracts	3,998,524	68,442	350,872	481,614	322,490	309,532	5,531,474
Futures contracts	(85,895)	(1,470)	(7,537)	(10,346)	(6,928)	(6,649)	(118,825)
Interest rate collars	35,386,605	605,706	3,105,193	4,262,247	2,854,013	2,739,330	48,953,094
Alternative investments	219,812,642	3,762,498	19,288,672	26,476,001	17,728,405	17,016,022	304,084,240
Total investments at fair value	1,045,999,412	17,904,201	91,786,980	125,988,576	84,362,303	80,972,370	1,447,013,842
Receivable for sales pending settlement and interest earned (net of payable for investments purchased)	(54,689,860)	(936,117)	(4,799,063)	(6,587,286)	(4,410,865)	(4,233,624)	(75,656,815)
Total value of interest in Howmet Master Trust at fair value	$ 991,309,552	$ 16,968,084	$ 86,987,917	$ 119,401,290	$ 79,951,438	$ 76,738,746	$1,371,357,027

	RMI Salaried Plan	RMI Hourly Plan	RMI Master Trust Net Assets
Investments at fair value			
Cash and cash equivalents	$ 3,141,309	$ 3,015,692	$ 6,157,001
Equity securities - common stocks	61,865	59,390	121,255
Alternative investments	4,306,252	4,134,051	8,440,303
Total value of interest in RMI Retirement Plans Master Trust at fair value	$ 7,509,426	$ 7,209,133	$ 14,718,559

For the year ended December 31, 2021 Howmet Master Trust investment income was comprised of the following:

	2021
Investment Income	
Interest	$ 13,891,298
Dividends	4,365,605
Net (depreciation) appreciation in fair value of investments	
Fixed income securities	(20,267,284)
Equity securities - common and preferred stocks	50,509,187
Equity securities - registered investment companies	7,013,920
Equity securities - commingled trust funds	46,157,364
Equity securities - put and call option contracts	(1,534,077)
Futures	3,480,362
Interest rate collars	(29,791,061)
Alternative investments	28,136,783
Investment management/trustee fees	(7,124,993)
Total Howmet Master Trust investment income	$ 94,837,104

For the year ended December 31, 2021 RMI Retirement Plans Master Trust investment income was comprised of the following:

	2021
Investment Income	
Interest	$ 2,333
Net appreciation in fair value of investments:	
Alternative investments	1,532,176
Investment management fees	(189,139)
Total RMI Master Trust investment income	$ 1,345,370

4. Fair Value Measurements

The Financial Accounting Standards Board ("FASB") Accounting Standards Codification No. 820, *Fair Value Measurement*, ("ASC 820") provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;

- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data correlation or other means.

Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement Level within the fair value hierarchy is based on the lowest Level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in methodologies used at December 31, 2021 and 2020:

Cash and Cash Equivalents
Cash and cash equivalents held within commingled funds (institutional short-term investment funds) are fully liquid within 30 days and are included at Level 2. Cash and cash equivalents held within commingled funds (short-term investment funds) that are publicly traded are valued at the closing Net Asset Value ("NAV") and are included in Level 1.

Fixed Income Securities
U.S. government debt is valued at the closing price reported on an active market on the last business day of each period presented (included in Level 1).

U.S. and non-U.S. fixed interest obligations (principally corporate bonds and debentures) are valued through consultation and evaluation with brokers in the institutional market using quoted prices and other observable market data (included in Level 2).

Equity Securities – Common Stocks and Futures Contracts
Valued at the closing price reported on an active market on the last business day of each period presented (included in Level 1).

Equity Securities – Commingled Trust Funds
Valued using industry standard models with market-based observable inputs (included in Level 2) and at the closing NAV of shares held at year end as a practical expedient.

Equity Securities – Registered Investment Companies
Valued at the closing NAV of shares held at year end. These funds are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission. They are required to publish their daily NAV and to transact at that price and, therefore, are deemed to be actively traded with readily determinable fair values (included in Level 1).

Equity Hedging – Put and Call Option Contracts
Valued at the closing price reported on an active market on the last business day of each period presented (included in Level 1).

Interest Rate Collars
Valued using industry standard models with market-based observable inputs (included in Level 2).

Alternative Investments
Valued primarily at the closing NAV of shares held at year end as a practical expedient as reported in audited financial statements. In the event that audited financial statements for these investments are not available in time to prepare the financial statements or management believes the value reported by the investment advisor does not accurately reflect fair value due to an event in the market place, management will adjust the reported value to fair value based upon information provided by the investment manager and independent valuation experts.

The following table sets forth by level, with in the fair value hierarchy, the assets at fair value as of December 31, 2021:

	Assets at Fair Value as of December 31, 2021				
	Level 1	Level 2	Level 3	Assets Measured at Net Asset Value (a)	Total
Assets in Howmet Master Trust at fair value					
Cash and cash equivalents	$ —	$ 18,436,870	$ —	$ —	$ 18,436,870
Equity securities - common stocks	2,290,619	—	—	—	2,290,619
Equities securities - commingled trust funds	—	179,808,818	—	408,427,112	588,235,930
Fixed income securities					
U.S. government debt	122,770,168	—	—	—	122,770,168
Corporate debt other	9,992,755	245,259,718	—	24,477	255,276,950
Futures contracts	1,005,828	—	—	—	1,005,828
Alternative investments					
Private real estate	—	—	—	30,893,222	30,893,222
Timber	—	—	—	275,917	275,917
Venture capital	—	—	—	62,346,970	62,346,970
Private equity	—	—	—	37,230,603	37,230,603
Private debt	—	—	—	13,318,957	13,318,957
Private equity/venture capital - fund of funds	—	—	—	12,756,574	12,756,574
Hedge funds	—	—	—	106,689,441	106,689,441
Total of assets in Howmet Master Trust at fair value	136,059,370	443,505,406	—	671,963,273	1,251,528,049
Assets in RMI Retirement Plans Master Trust at fair value					
Cash and cash equivalents	—	—	—	404,529	404,529
Alternative investments					
Private real estate	—	—	464,364	1,235,871	1,700,235
Timber	—	—	1,782,405	—	1,782,405
Private equity	—	—	—	3,935,421	3,935,421
Total of assets in RMI Retirement Plans Master Trust at fair value	—	—	2,246,769	5,575,821	7,822,590
Total assets at fair value	$136,059,370	$443,505,406	$ 2,246,769	$677,539,094	$1,259,350,639

(a) In accordance with ASC Sub Topic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy.

The following table sets forth by level, within the fair value hierarchy, the assets at fair value as of December 31, 2020:

	Assets at Fair Value as of December 31, 2020				
	Level 1	Level 2	Level 3	Assets Measured at Net Asset Value (a)	Total
Assets in Howmet Master Trust at fair value					
Cash and cash equivalents	$ 15,803,731	$ —	$ —	$129,060,448	$ 144,864,179
Equity securities - common stocks					
Real estate investment trusts	31,241,944	—	—	—	31,241,944
Securities in common stock	206,626,778	—	—	—	206,626,778
Equity securities - registered investment companies	61,653,384	—	—	—	61,653,384
Equity securities - commingled trust funds	—	—	—	174,565,842	174,565,842
Equity securities - put and call option contracts	5,531,474	—	—	—	5,531,474
Fixed income securities					
U.S. government debt	108,987,783	—	—	—	108,987,783
Corporate debt other	—	360,623,949	—	—	360,623,949
Futures contracts	(113,707)	(5,118)	—	—	(118,825)
Interest rate collars	—	48,953,094	—	—	48,953,094
Alternative investments					
Private real estate	—	—	—	20,654,840	20,654,840
Timber	—	—	—	11,159,670	11,159,670
Venture capital	—	—	—	58,203,790	58,203,790
Private equity	—	—	—	19,186,651	19,186,651
Private debt	—	—	—	13,287,318	13,287,318
Private equity/venture capital - fund of funds	—	—	—	11,133,871	11,133,871
Hedge funds	—	—	—	170,458,100	170,458,100
Total of assets in Howmet Master Trust at fair value	429,731,387	409,571,925	—	607,710,530	1,447,013,842
Assets in RMI Retirement Plans Master Trust at fair value					
Cash and cash equivalents	—	—	—	6,157,001	6,157,001
Equity securities - common stocks	121,255	—	—	—	121,255
Alternative investments					
Private real estate	—	—	597,781	1,376,326	1,974,107
Timber	—	—	1,782,163	—	1,782,163
Private equity	—	—	—	4,684,033	4,684,033
Total of assets in RMI Retirement Plans Master Trust at fair value	121,255	—	2,379,944	12,217,360	14,718,559
Total assets at fair value	$429,852,642	$409,571,925	$ 2,379,944	$619,927,890	$1,461,732,401

(a) In accordance with ASC Sub Topic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy.

The Howmet Master Trust and the RMI Retirement Plans Master Trust use the NAV as a practical expedient for all of the underlying investments which (a) do not have a readily determinable fair value and (b) either have the attributes of an investment company or prepare their financial statements consistent with the measurement principles of an investment company.

There have been no transfers between levels within the fair value hierarchy during 2021 or 2020. The following table sets forth a summary of changes in the fair value of the RMI Retirement Plans Master Trust's Level 3 assets for the year ended December 31, 2021.

Beginning balance, December 31, 2020	$ 2,379,944
Unrealized losses	(9,504)
Purchases	10,037
Sales	(133,708)
Ending balance, December 31, 2021	$ 2,246,769

At December 31, 2021, the RMI Retirement Plans Master Trust had Level 3 investments valued at $2,246,769. The investments in the Plan's financial statements have been valued primarily at the unadjusted net asset value (or its equivalent) as reported by the managers of the Alternative Investments or as reported in the audited financial statements.

The following table sets forth a summary of liquidity consideration of the investments that use NAV as a practical expedient within the Howmet Master Trust:

Category of Investment	Investment Strategy	December 31, 2021 Fair Value	December 31, 2020 Fair Value	Unfunded Commitments at December 31, 2021	Remaining Life at December 31, 2021	Redemption Restrictions and Terms
Cash and cash equivalents	Cash and cash equivalents	$ —	$ 129,059,448	Not Applicable	Not Applicable	(D)
Equity Securities- Commingled Trust Funds	Global Equity markets	408,427,112	174,565,842	Not Applicable	Not Applicable	(C)
Private Real Estate	Global Private Real Estate strategy	30,893,222	20,654,840	$ 15,350,380	Up to 10 years	(A)
Timber	Global Timber strategy	275,917	11,159,670	—	Up to 4 years	(A)(E)
Venture Capital	Global Private Real Estate strategy	62,346,970	58,203,790	9,226,843	Up to 4 years	(A)
Private Equity	Global Private Equity strategy	37,230,603	19,186,651	35,771,383	Up to 11 years	(A)
Private Debt	Global Distressed Debt	13,343,434	13,287,318	6,564,369	Up to 6 years	(A)
Private Equity/Venture Capital Fund of Funds	Global Private Equity / Venture Capital strategy	12,756,574	11,133,871	2,724,101	Up to 9 years	(A)
Hedge Funds	Discretionary and Systematic Macro strategy	46,917,812	77,041,579	Not Applicable	Not Applicable	(B)
Hedge Funds	Long / Short Equity strategy	59,771,629	93,416,521	Not Applicable	Not Applicable	(B)

(A) Redemption not permitted during life of funds. Sale or transfer subject to approval of the general partner.

(B) Hedge Fund Redemption terms vary by fund. Under normal conditions, 82% liquidity is typically available within 180 days, but can be further restricted based on actions of other investors. When investors restrictions are in place, 77% of funds are available within one year.

(C) Redemption terms vary by fund. Full liquidity is available within 30 days.

(D) Funds are fully available with one day notice.

(E) A sale of Timberlands may be initiated at any time, but it may take 12 months, or more, for the sale to be realized.

The following table sets forth a summary of liquidity consideration of the investments that use NAV as a practical expedient within the RMI Retirement Plans Master Trust as of December 31, 2021 and as of December 31, 2020:

Category of Investment	Investment Strategy	December 31, 2021 Fair Value	December 31, 2020 Fair Value	Unfunded Commitments at December 31, 2021	Remaining Life at December 31, 2021	Redemption Restrictions and Terms
Cash and cash equivalents	Cash and cash equivalents	$ 404,529	$ 6,157,001	Not Applicable	Not Applicable	(A)
Private Equity Funds	Global Private Equity strategy	3,935,421	4,684,033	$ —	Up to 6 years	Not redeemable
Real Estate Funds	Global Private Real Estate strategy	1,700,235	1,974,107	47,923	Up to 9 years	Not redeemable
Timber	Global Timber strategy	1,782,405	1,782,163	Not Applicable	Not Applicable	(B)

(A) Funds are fully available with one day notice.

(B) A sale of Timberlands may be initiated at any time, but it may take 12 months, or more, for the sale to be realized.

5. Derivatives

Derivatives Policy

The Howmet Master Trust enters into contractual arrangements classified as derivatives in carrying out it's investment strategy, principally to (1) manage interest rate risk within the portfolio, (2) manage exposure to a market more efficiently than could be accomplished through the use of cash markets, and (3) increase investment returns by reducing the cost of structuring the portfolio or by capturing value disparities between financial instruments. The Howmet Master Trust utilizes exchange traded instruments such as interest rate futures, options on futures, interest rate swaps, interest rate collars, put and call option contracts, and foreign currency forward contracts. The Howmet Master Trust is subject to enforceable master netting arrangements, or netting arrangements, with certain counterparties. Master netting agreements may not be specific to each different asset type; in such instances, they would allow the Company to close out and net its total exposure to a specified counter party in the event of a default.

The following is a summary of the Howmet Master Trust's usage of derivatives:

Futures Contracts

A futures contract is a contractual agreement to make or take delivery of a standardized quantity of a specified grade or type of commodity or financial instrument at a specified future date in accordance with terms specified by a regulated future exchange.

The Howmet Master Trust may use treasury, Eurodollar, and other fixed income futures contracts to manage exposure to interest rate risk and exposure in the market. Buying futures tends to increase the Howmet Master Trust's exposure to the underlying instrument held, while selling futures tends to reduce the exposure.

The average notional value of futures contracts held by the Howmet Master Trust during the year ended December 31, 2021 was $117,727,214. During the year ended December 31, 2021, the volume of the fund's activity in futures, based on underlying notional amounts, was generally between (2.10)% and 7.10% of investments.

A summary of the open futures contracts as of December 31, 2021 and 2020 is presented below:

	Long Contracts				Short Contracts			
	2021 Number of Contracts	2021 Aggregate Face Value	2021 Unrealized Gain/(Loss)	2021 Variation Margin	2021 Number of Contracts	2021 Aggregate Face Value	2021 Unrealized Gain/(Loss)	2021 Variation Margin
US Treasury Bond Future	673	$ 107,974,438	$ 131,311	$ —	20	$ 3,208,750	$ 12,460	$ —
US 10 Year Treasury Notes Future	431	56,232,031	457,748	—	—	—	—	—
US 5 Year Treasury Notes Future	580	70,166,407	(3,162)	—	—	—	—	—
US 2 Year Treasury Notes Future	203	44,288,891	(76,617)	—	3	654,516	656	—
US Ultra Bond Future	157	30,948,625	88,313	—	23	4,533,875	(78,356)	—
US 10 Year Ultra Bond Future	501	73,365,188	473,329	—	2	292,875	146	—
Grand Total	2,545	$ 382,975,580	$ 1,070,922	$ —	48	$ 8,690,016	$ (65,094)	$ —

	Long Contracts				Short Contracts			
	2020 Number of Contracts	2020 Aggregate Face Value	2020 Unrealized (Loss)/Gain	2020 Variation Margin	2020 Number of Contracts	2020 Aggregate Face Value	2020 Unrealized (Loss)/Gain	2020 Variation Margin
US Treasury Bond Future	103	$ 17,838,313	$ (88,066)	$ —	—	$ —	$ —	$ —
US 10 Year Treasury Notes Future	35	4,832,734	6,547	—	120	16,569,375	(21,700)	—
US 5 Year Treasury Notes Future	8	1,009,313	625	—	41	5,172,727	(12,172)	—
US 2 Year Treasury Notes Future	10	2,209,766	1,146	—	16	3,535,625	(3,884)	—
US Ultra Bond Future	10	2,135,625	(29,569)	—	44	9,396,750	69,779	—
US 10 Year Ultra Bond Future	57	8,912,484	(19,981)	—	6	938,156	928	—
Mini MSCI EAFE Future	—	—	—	—	4	426,160	420	—
Mini MSCI Emerging Market Future	2	128,820	(257)	—	—	—	—	—
Eurodollar-BUND Future	—	—	—	—	6	1,304,109	(11,038)	—
Eurodollar-BOBL Future	—	—	—	—	9	1,488,595	(8,857)	—
S&P 500 EMINI Index Future	—	—	—	—	2	374,880	(2,746)	—
Grand Total	225	$ 37,067,055	$ (129,555)	$ —	248	$ 39,206,377	$ 10,730	$ —

Options on Futures Contracts
The Howmet Master Trust may buy or sell options on futures contracts to capture value disparities between financial instruments. Options strategies may be used to improve yields and enhance performance of the fixed income portfolio. Options on futures contracts are purchased or sold on regulated futures exchanges.

Interest Rate Collars
The Howmet Master Trust may use interest rate collars to manage exposure to interest rate fluctuations. The interest rate collar is an options strategy which involves buying an interest rate receiver swaption while selling an interest rate payer swaption. The premium received for selling the interest rate payor swaption pays for the purchase of the interest rate receiver swaption. The purchased receiver swaption protects against falling interest rates, while the sold payor swaption limits the benefit of rising interest rates.

The average notional values of the protective puts and covered calls held by the Howmet Master Trust during the year ended December 31, 2020 was $764,640,000 and ($161,460,000) respectively. The Howmet Master Trust held no protective puts and covered calls as of December 31, 2021.

Investment	Expiration Date	2020 Number of Contracts	2020 Notional Value	2020 Aggregate Book Value	2020 Unrealized Gain
Options - Interest Rate Collars	2/17/2021	1	$ (38,880,000)	$ (812,592)	$ 692,336
Options - Interest Rate Collars	8/1/2022	4	259,200,000	12,621,744	4,102,177
Options - Interest Rate Collars	12/5/2022	4	252,720,000	12,556,944	3,604,247
Options - Interest Rate Collars	4/23/2023	4	252,720,000	14,175,810	2,012,428
Grand Total		13	$ 725,760,000	$ 38,541,906	$ 10,411,188

The following table is a summary by counterparty of the Howmet Master Trust's net exposure to interest rate collars at December 31, 2020:

Broker	Fair Value of Derivative Assets	Fair Value of Derivative Liabilities	Net Exposure
Bank of America Corp.	$ 12,692,594	$ —	$ 12,692,594
Barclays PLC	4,074,234	(190,456)	3,883,778
Credit Suisse Group AG	8,620,757	—	8,620,757
Royal Bank of Canada	7,839,347	—	7,839,347
Societe Generale SA	8,243,445	—	8,243,445
Wells Fargo & Co.	7,673,173	—	7,673,173
Grand Total	$ 49,143,550	$ (190,456)	$ 48,953,094

Equity – Put and Call Option Contracts
The Howmet Master Trust may use put and call option contracts to manage exposure related to its equity holdings. A call option provides the holder the right (but not the obligation) to purchase an underlying asset at a specified price (the strike price), for a certain period of time. A put option gives the holder the right to sell an underlying asset at a specified price (the strike price). The seller (or writer) of the put option is obligated to buy the stock at the strike price. Options are purchased or sold on regulated exchanges.

The average notional value of equity put and call option contracts held by the Howmet Master Trust during the year ended December 31, 2020 was ($91,979,678). The Howmet Master Trust held no equity put and call option contracts as of December 31, 2021.

Investment	Expiration Date	2020 Number of Contracts	2020 Notional Value	2020 Aggregate Book Value	2020 Unrealized Gain/(Loss)
Equity - Put Option Contracts	1/15/2021	6	$ (170,543)	$ (309,864)	$ 139,321
Equity - Call Option Contracts	1/15/2021	5	(128,805)	(185,179)	56,374
Equity - Put Option Contracts	3/19/2021	6	89,460	6,761,895	(6,672,435)
Equity - Put Option Contracts	6/18/2021	6	705,050	3,853,937	(3,148,887)
Equity - Put Option Contracts	9/17/2021	6	1,581,467	3,689,984	(2,108,517)
Equity - Put Option Contracts	12/17/2021	6	3,454,845	3,639,009	(184,164)
Grand Total		35	$ 5,531,474	$ 17,449,782	$ (11,918,308)

The following table is a summary by counterparty of the Howmet Master Trust's net exposure to equity put and call options at December 31, 2020:

Broker	Fair Value of Derivative Assets	Fair Value of Derivative Liabilities	Net Exposure
Bank of America Corp.	$ 2,710,151	$ (639,883)	$ 2,070,268
Barclays PLC	803,613	(329,592)	474,021
Credit Suisse Group AG	1,698,434	(326,628)	1,371,806
Royal Bank of Canada	33,369	(86,860)	(53,491)
Wells Fargo & Co.	2,114,648	(445,778)	1,668,870
Grand Total	$ 7,360,215	$ (1,828,741)	$ 5,531,474

Foreign Currency Forwards
The Howmet Master Trust may use foreign currency forwards to capture value disparities between the fixed income and currency markets. Currency forwards may be purchased or sold to enhance returns in the fixed income portfolio. Foreign currency forwards are purchased or sold on regulated futures exchanges.

Activity and year end holdings of Options on Futures Contracts and Foreign Currency Forwards were not material to the overall investment portfolio.

The RMI Retirement Plans Master Trust did not enter into contractual arrangements classified as derivatives in carrying out its investment strategy.

6. Accumulated Plan Benefits

Accumulated plan benefits are those future benefit payments that are attributable, under each Plan's provisions, to employees' service rendered to the benefit information date. Accumulated plan benefits comprise benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of deceased employees, and (c) present employees or their beneficiaries.

The actuarial present value of accumulated plan benefits is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment. The Plans' actuary made this determination.

Actuarial valuation results as of December 31, 2021 using census data as of January 1, 2021, as well as those as of December 31, 2020, using census data as of January 1, 2020, have been presented below using standard actuarial techniques, taking into account the occurrence, if any, of significant events during the course of the year and the changes made to actuarial assumptions.

Based upon actuarial estimates at December 31, 2021, the present value of accumulated plan benefits for each of the Plans is as follows:

	Actuarial Present Value of Accumulated Plan Benefits at December 31, 2021			
	Vested Benefits of Participants Currently Receiving Benefits	Other Vested Benefits	Nonvested Benefits	Total Present Value of Accumulated Plan Benefits
Howmet Aerospace Retirement Plan	$ 925,415,926	$ 565,222,609	$ 8,427,255	$ 1,499,065,790
Muskegon Plan	36,654,702	30,734,973	76,926	67,466,601
Howmet Merged Pension Plan	21,796,154	149,112,083	2,957,410	173,865,647
RMI Hourly Plan	60,945,679	19,268,819	2,018,119	82,232,617

Based upon actuarial estimates at December 31, 2020, the present value of accumulated plan benefits for each of the Plans is as follows:

	Actuarial Present Value of Accumulated Plan Benefits at December 31, 2020			
	Vested Benefits of Participants Currently Receiving Benefits	Other Vested Benefits	Nonvested Benefits	Total Present Value of Accumulated Plan Benefits
Howmet Aerospace Retirement Plan	$ 954,693,676	$ 627,534,754	$ 9,486,258	$ 1,591,714,688
Huck Plan	4,967,185	6,998,575	—	11,965,760
Muskegon Plan	68,787,246	47,333,229	129,646	116,250,121
Howmet Plan	35,442,858	138,181,301	3,733,329	177,357,488
RMI Salaried Plan	76,919,407	23,272,218	646,323	100,837,948
RMI Hourly Plan	62,385,009	22,908,165	2,167,931	87,461,105

The 2021 change in the actuarial present value of accumulated plan benefits resulted from the following:

	Actuarial Present Value of Accumulated Plan Benefits December 31, 2020	Plan Amendments	Change in Actuarial Discount Rate	Change in Actuarial 417(e) Interest and Mortality	Change in Mortality	Interest	Benefits Paid	Annuity Purchase (Note 10)	Benefits Accumulated (A)	Other Experience (B)	Actuarial Present Value of Accumulated Plan Benefits December 31, 2021 Prior to Merger	Merger To/ From Howmet Merged Pension Plan	Actuarial Present Value of Accumulated Plan Benefits December 31, 2021 After Merger
Howmet Aerospace Retirement Plan	$ 1,591,714,688	$ —	$ (49,979,076)	$ (827,620)	$ 3,422,382	$ 38,929,947	$ (93,751,021)	$ —	$ 2,862,155	$ 6,694,335	$ 1,499,065,790	$ —	$ 1,499,065,790
Huck Plan	11,965,760	—	6,869	—	11,740	269,994	(1,332,526)	(4,269,000)	—	(392,981)	6,259,856	(6,259,856)	—
Muskegon Plan	116,250,121	—	(3,188,668)	(358,937)	280,699	2,348,267	(20,065,799)	(29,993,000)	—	2,193,918	67,466,601	—	67,466,601
Howmet Merged Pension Plan	177,357,488	—	(5,573,480)	(262,797)	207,825	3,967,931	(14,331,514)	(16,611,000)	—	(12,554)	144,741,899	29,123,748	173,865,647
RMI Salaried Plan	100,837,948	—	(2,878,756)	—	240,096	2,187,298	(6,232,419)	(71,672,000)	—	381,725	22,863,892	(22,863,892)	—
RMI Hourly Plan	87,461,105	—	(2,656,126)	—	255,263	2,160,985	(5,433,213)	—	661,145	(216,542)	82,232,617	—	82,232,617

(A) Consists of expected increase in benefits

(B) Consists of other demographic experience

The significant assumptions underlying the actuarial computations for the Plans at December 31, 2021 and 2020 are as follows:

Interest Rate
The following table lists the interest rates used for the Plans as of December 31, 2021 and 2020:

	2021	2020
Howmet Aerospace Retirement Plan	2.83 %	2.52 %
Huck Plan	2.34 %	2.55 %
Muskegon Plan	2.71 %	2.32 %
Howmet Merged Pension Plan	2.78 %	2.37 %
RMI Salaried Plan	3.03 %	2.55 %
RMI Hourly Plan	2.84 %	2.55 %

The cash balance interest rate is 3.00% for December 31, 2021 and 2020.

Life Expectancy of Participants
The following tables list the mortality tables used for the calculation of the Accumulated Plan Benefits and lump-sum distributions for each of the plans for the years ended December 31, 2021 and 2020:

Plan	12.31.2021 Valuations
Howmet Aerospace Retirement Plan (salaried employees) Howmet Merged Plan (salaried employees)	For deaths after service retirement and deaths after disability retirement, PRI-2012 SOA Mortality Table (Total Dataset) with an adjustment based on the company's actual experience, with mortality improvement projected by the Buck Modified MP-2021 mortality improvement scale.
Howmet Aerospace Retirement Plan (hourly employees) Muskegon Plan Howmet Merged Plan (hourly employees) RMI Hourly Plan	For deaths after service retirement and deaths after disability retirement, PRI-2012 SOA Mortality Table (Blue Collar) with an adjustment for the company's actual experience, with mortality improvement projected by the Buck Modified MP-2021 mortality improvement scale.

Plan	12.31.2020 Valuations
Howmet Aerospace Retirement Plan (salaried employees) Huck Plan Howmet Plan (salaried employees) RMI Salaried Plan	For deaths after service retirement and deaths after disability retirement, PRI-2012 SOA Mortality Table (Total Dataset) with an adjustment based on the company's actual experience, with mortality improvement projected by the Buck Modified MP-2020 mortality improvement scale.
Howmet Aerospace Retirement Plan (hourly employees) Muskegon Plan Howmet Plan (hourly employees) RMI Hourly Plan	For deaths after service retirement and deaths after disability retirement, PRI-2012 SOA Mortality Table (Blue Collar) with an adjustment for the company's actual experience, with mortality improvement projected by the Buck Modified MP-2020 mortality improvement scale.

Plan	2020/2021 Lump Sum Distributions
Howmet Aerospace Retirement Plan (salaried employees) Howmet Merged Pension Plan Muskegon Plan	For the 2021 plan year, lump sum distributions are based on the PPA benefit calculated using modified segment rates and the Applicable Mortality Table as provided in Section 417(e)(3) of the Code.

Retirement
The assumed weighted average retirement age is:

Howmet Aerospace Retirement Plan	65
Howmet Merged Plan	64
Huck Plan	66
Muskegon Plan	64
RMI Salaried Plan	63
RMI Hourly Plan	63

7. Tax Status

The Internal Revenue Service ("IRS") has determined and informed the Company that the Plans are qualified and the trusts established under the Plans are tax exempt under the appropriate sections of the Internal Revenue Code ("IRC").

The Plans have been amended since receiving the determination letters. However, the Plans' administrator and the Plans' tax counsel believe that the Plans are currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, they believe the Plans were qualified and the related trusts were tax-exempt as of the financial statement's date.

Determination letters received were dated as follows:

Howmet Aerospace Retirement Plan	December 8, 2016
Huck Plan	March 2, 2017
Muskegon Plan	July 21, 2017
Howmet Merged Plan	December 13, 2016
RMI Salaried Plan	September 12, 2014
RMI Hourly Plan	June 27, 2014

U.S. GAAP requires the Plans' management to evaluate tax positions taken by the Plans and recognize a tax liability (or asset) if the organization has taken an uncertain position that would not be sustained upon examination by the IRS. The Plans' administrator and its tax counsel have analyzed the tax positions taken by the Plans and have concluded that as of December 31, 2021 and 2020, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure to the financial statements. As such, no reserve is required under U.S. GAAP. The Plans are subject to audits by the IRS; however, there are no current IRS audits for any tax periods in progress. The Plans' administrator and its tax counsel believe the Plans are no longer subject to IRS audits outside the statutory audit period.

8. Information Certified by the Plans' Trustee

The information included in the Plans' financial statements and Note 3 related to the Howmet Master Trust and RMI Retirement Plans Master Trust was prepared by Bank of New York Mellon, the Trustee of the Plans, as of December 31, 2021 and 2020 and for the year ended December 31, 2021 and furnished to the Plans' administrator. The Plans' administrator has obtained a certification from the Trustee that such information is complete and accurate in accordance with Section 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

9. Related Party Transactions

The Plans invest in funds managed by The Bank of New York Mellon. The Bank of New York Mellon is the trustee as defined by the Plans; therefore, these transactions, and expenses paid to The Bank of New York Mellon, qualify as party-in-interest transactions.

The Company makes funding contributions to the Plans; therefore, these transactions qualify as party-in-interest transactions.

10. Plan Specific Activities

On April 14, 2021, October 25, 2021, January 14, 2022 and September 1, 2022, Howmet made cash contributions of $29,500,000, $7,716,000, $8,548,291 and $4,730,000 to the Plans, respectively. In the Plans' financial statements, a total of $50,494,291 is being applied to the 2021 plan year and is reflected as an Employer contribution on the Statements of Changes in Individual Plan Net Assets Available for Benefits.

Howmet Aerospace Retirement Plan	$ 39,278,291
Muskegon Plan	9,116,000
Howmet Merged Plan	2,100,000

On January 14, 2021 and September 23, 2021, Howmet made cash contributions of $29,061,633, and $4,000,000 to the Plans, respectively. In the Plans' financial statements, a total of $33,061,633 is being applied to the 2020 plan year and is reflected as an Employer contribution receivable on the Statements of Individual Plan Net Assets Available for Benefits as of December 31, 2020.

On October 28, 2021 Howmet made premium payments of $122,545,000 from the Plans for an annuity buyout. On May 20, 2022, the Muskegon Plan and Howmet Merged Plan received refunds related to these premium payments of $280,517 and $857,330, respectively. The refunds are reflected as Other receivable on the Statements of Individual Plan Net Assets Available for Benefits as of December 31, 2021, and the annuity buyout premiums are presented as such on the Statement of Changes in Individual Plan Net Assets Available for Benefits for the year ended December 31, 2021. As a result of this annuity buyout, the impacted participants will continue to receive their benefit payment as they did under the provisions of the Plans, but they will no longer be participants in the Plans and the Plans will have no further obligation to make any benefit payments to these individuals.

11. Commitments and Contingencies

The Howmet Master Trust had capital commitments of $69,637,076 at December 31, 2021 in relation to additional funding for Limited Partnerships in which it invests. The Limited Partnerships are classified as alternative investments within the Plans' interest in Howmet Aerospace Retirement Plans Master Trust at fair value on the Statement of Individual Plan Net Assets Available for Benefits as of December 31, 2021.

The RMI Retirement Plans Master Trust had capital commitments of $47,923 at December 31, 2021, in relation to additional funding for Limited Partnerships in which it invests. The Limited Partnerships are classified as alternative investments within the Plans' interest in RMI Retirement Plans Master Trust at fair value on the Statement of Individual Plan Net Assets Available for Benefits as of December 31, 2021.

12. Subsequent Events

Management has evaluated the events and transactions that have occurred through October 3, 2022, the date the financial statements were available to be issued, and noted no items requiring adjustment of the financial statements or additional disclosures.

Pension Plan for Eligible Salaried Employees of RMI Titanium Company

EIN: 31-0875005

PN: 004

ATTACHMENT TO SCHEDULE SB OF 2021 FORM 5500

Schedule SB, Part V – Summary of Plan Provisions

For participants under Pension Plan for Eligible Salaried Employees of RMI Titanium Company

Average Monthly Earnings

Average total Compensation received by a Participant from the Company during the highest sixty consecutive months of employment out of the one hundred twenty-month period preceding retirement.

Compensation

Earnings at the regular basic rate of service rendered as an employee. Effective April 1, 2018, all Plan participants' compensation is frozen.

Continuous Service

A participant's aggregate period(s) of employment with the Company from employee's employment date to severance from service date. Includes employment with USX Corporation or a subsidiary of USX. Effective April 1, 2018, all Plan participants' service is frozen.

Employee

Any salaried employee employed by the Company.

Normal Retirement Date

The date the participant reaches age 65.

Plan Coverage

Employees of the Company hired prior to January 1, 2006.

Participation

All Employees hired before January 1, 2006 that meet the eligibility requirements. Participation began on the first day of employment.

For participants under Pension Plan for Eligible Salaried Employees of RMI Titanium Company (continued)

Accrued Benefit

A monthly benefit amount equal to the greater of:

(i) 1.25% of a Participant's Average Monthly Earnings multiplied by Continuous Service up to 30 years; plus 1.35% of a Participant's Average Monthly Earnings multiplied by Continuous Service in excess of 30 years.

(ii) $17.50 multiplied by the first 15 years of Continuous Service; plus $19.00 multiplied by years of Continuous Service between 15 and 30 years; plus $20.50 multiplied by each year of Continuous service in excess of 30 years.

All accrued benefits are frozen effective April 1, 2018.

Normal Retirement

Eligibility: Normal Retirement Date for any Participant.

Benefit: Accrued Benefit payable immediately.

Early Retirement (62/15)

Eligibility: Age 62 with 15 years of service.

Benefit: Accrued Benefit payable immediately.

Early Retirement (30-Year)

Eligibility: 30 years of service.

Benefit: Accrued Benefit payable immediately.

Early Retirement (55/10)

Eligibility: Age 55 with 10 years of service.

Benefit: Accrued Benefit payable at age 65 or immediate pension equal to Accrued Benefit reduced from age 65 in accordance with the following:

Age	Percentage
55	39.19%
56	42.66%
57	46.50%
58	50.78%
59	55.56%
60	60.91%
61	66.93%
62	73.71%
63	81.37%
64	90.08%

For participants under Pension Plan for Eligible Salaried Employees of RMI Titanium Company (continued)

70/80 Retirement

Eligibility: Age 55 and age plus service at least 70 or age plus service at least 80, with 15 years of service. Payable only if termination is due to layoff, shutdown or physical disability.

Benefit: Accrued Benefit payable immediately with an additional supplement of $400 payable until age 62.

Special Payment

Eligibility: Any employee retiring under Normal, Early 55/10, Early 62/15, Early 30-Year, or 70/80.

Benefit: In lieu of first 3 months pension, employee receives 3 times monthly salary immediately prior to retirement (3.25 if participant has at least 23 years of service).

Disability

Eligibility: Permanently incapacitated and 15 or more years of service.

Benefit: Benefit from the Company's Long-Term Disability Plan, with a disability pension at normal retirement age. Monthly benefit is normal retirement benefit based on service to normal retirement age and earnings at time of disability.

Deferred Vested

Eligibility: 5 years of service.

Benefit: Accrued Benefit payable at age 65.

Reduced benefits are payable as early as age 50, equal to the Accrued Benefit reduced by the following factors:

Age	Percentage
50	26.21%
51	28.34%
52	30.67%
53	33.24%
54	36.07%
55	39.19%
56	42.66%
57	46.50%
58	50.78%
59	55.56%
60	60.91%
61	66.93%
62	73.71%
63	81.37%
64	90.08%

For participants under Pension Plan for Eligible Salaried Employees of RMI Titanium Company (continued)

Pre-retirement Death

Eligibility:	Death after 5 years of service or death of a terminated vested before payments begin unless the automatic 50% spouse option has been revoked.
Benefit:	50% of Accrued Benefit payable at the date of participant would have turned age 50, reflecting a percentage option and early reduction, further reduced by a charge for the period of coverage.

Surviving Spouse

Eligibility:	Death of active participant with 15 years of service; or death of any retiree other than deferred vested.
Benefit:	Death of active participant: 50% of Accrued Benefit as though participant retired on date of death without early retirement reduction. If under age 62, the participant's Accrued Benefit calculated as though they had been 62. Reduced by 50% of Surviving Spouse's Social Security benefit payable at age 60. Death of retiree: 50% of Accrued Benefit reduced for early retirement. Reduced by 50% of Surviving Spouse's Social Security benefit payable at age 60. Surviving spouse benefit must be at least $150 before age 60 and $100 at age 60.

Post-Retirement Death

Eligibility:	Death of any retiree prior to January 1, 1991; other than deferred vested.
Benefit:	Lump sum of $4,000, including any death benefit under Quantum Chemical Corporation's pension plan.

Normal form of payment

If participant does not have an eligible spouse at retirement their benefit shall be paid in the form of a single life annuity.

If participant has an eligible spouse at retirement the benefit shall be paid as a reduced 50% joint and survivor annuity.

Optional forms of payment

Actuarially equivalent joint and survivor annuities.

Contributions All contributions to support the Plan are made by the Company.

Summary of Changes from the January 1, 2020 Valuation

None

For former participants under the TRADCO Pension Plan

Average Monthly Earnings

Average total compensation received by a Participant from the Company during the highest five consecutive calendar-year periods out of the last ten consecutive calendar-year periods prior to retirement.

Service

A participant's aggregate period(s) of employment with the Company from employee's employment date to severance from service date.

Plan Coverage

Employees of the Company hired prior to June 30, 2004 who have attained age 21 and completed at least one year of service are covered by the Plan.

Accrued Benefit

A monthly benefit amount equal to the sum of:

(i) $6.50 multiplied by years of continuous service prior to December 31, 1993; and

(ii) 0.75% of the number of years of continuous service on or after December 31, 1993 multiplied by participant's average monthly earnings.

Benefit amounts were frozen as of June 30, 2004.

Normal Retirement

Eligibility: Age 65 with 5 years of service.

Benefit: Accrued Benefit payable immediately.

Early Retirement (60/15)

Eligibility: Age 60 with 15 years of service.

Benefit: Accrued Benefit payable at age 65 or immediate pension equal to Accrued Benefit reduced from age 65 in accordance with the following:

Age	Percentage
60	63.10%
61	68.85%
62	75.28%
63	82.53%
64	90.72%

For former participants under the TRADCO Pension Plan (continued)

Disability

Eligibility: Permanently incapacitated and 15 or more years of service.

Benefit: Accrued Benefit at date of disability.

Deferred Vested

Eligibility: 5 years of service.

Benefit: Accrued Benefit payable at age 65. Reduced benefits are payable as early as age 60, equal to the Accrued Benefit reduced by the following factors:

Age	Percentage
60	63.10%
61	68.85%
62	75.28%
63	82.53%
64	90.72%

Pre-retirement Death

Eligibility: Death after 5 years of service.

Benefit: 50% of Accrued Benefit payable at the date of death, reflecting a percentage option and early reduction, further reduced by a charge for the period of coverage

Normal form of payment

- If participant does not have an eligible spouse at retirement their benefit shall be paid in the form of a single life annuity.
- If participant has an eligible spouse at retirement the benefit shall be paid as a 50% joint and survivor annuity.

Optional forms of payment

- Actuarially equivalent joint and survivor annuities.

Contributions All contributions to support the Plan are made by the Company.

Summary of Changes from the January 1, 2020 Valuation

Effective January 1, 2022, the Pension Plan for Eligible Salaried Employees of RMI Titanium Company was merged into the Howmet Corporation Pension Plan. This merger had no impact on valuation results for the 2021 plan year. The Form 5500 and Schedule SB for the 2021 plan year will be the last for the Pension Plan for Eligible Salaried Employees of RMI Titanium Company.

Pension Plan for Eligible Salaried Employees of RMI Titanium Company

EIN: 31-0875005

PN: 004

ATTACHMENT TO SCHEDULE SB OF 2021 FORM 5500

Schedule SB, Line 26 – Schedule of Active Participant Data

Distributed by Age and Service as of January 1, 2021

	SERVICE									
AGE	**<1**	**1-4**	**5-9**	**10-14**	**15-19**	**20-24**	**25-29**	**30-34**	**35-39**	**40+**
<25										
25-29										
30-34										
35-39										
40-44		1	1	1						
45-49			1	3		3				
50-54		1			3	2	1			
55-59				1	5	1	2	2		
60-64				1	1	2	3	1	1	
65-69						1				
70+										

Pension Plan for Eligible Salaried Employees of RMI Titanium Company

EIN: 31-0875005

PN: 004

ATTACHMENT TO SCHEDULE SB OF 2021 FORM 5500

Schedule SB, Part V – Statement of Actuarial Assumptions/Methods

Prescribed Funding/PBGC Assumptions and Methods

The following assumptions and methods are prescribed by ERISA, as currently amended.

Funding and PBGC premium interest rates

For 2021 Plan Year: Segment Rates with four-month lookback, constrained in accordance with relevant legislation as follows:

	Unconstrained Rates*	Rates Reflecting Prior Corridor**	Rates Reflecting Corridor***
First Segment Rate	2.22%	3.32%	4.75%
Second Segment Rate	3.38%	4.79%	5.36%
Third Segment Rate	3.92%	5.47%	6.11%
Effective Interest Rate	3.49%	4.87%	5.52%

For 2020 Plan Year: Segment Rates with four-month lookback, constrained in accordance with relevant legislation as follows:

	Unconstrained Rates*	Rates Reflecting Prior Corridor**	Rates Reflecting Corridor***
First Segment Rate	2.79%	3.64%	4.75%
Second Segment Rate	3.92%	5.21%	5.50%
Third Segment Rate	4.38%	5.94%	6.27%
Effective Interest Rate	4.00%	5.29%	5.66%

* Used for maximum tax-deduction, PBGC premium, and ERISA 4010 reporting purposes.

** Used for AFTAP purposes in 2020 and 2021.

***Used for minimum funding. Rates reflect ARPA corridor. In addition, the sponsor elected 15-year fresh start amortization for 2020 under ARPA.

Mortality

Substitute mortality tables for all plans in Howmet's controlled group apply for male annuitants and nonannuitants and for female annuitants and nonannuitants, approved by the IRS as specified in IRS Regulation 1.430(h)(3)–2, with Mortality Improvement Scale MP–2019 appropriate for 2021 on a generational basis. Approval is granted for a period of 10 years commencing January 1, 2018, subject to the conditions specified in IRS Regulation 1.430(h)(3)–2(d)(6).

Actuarial cost method

The Funding Target is the present value of accrued benefits based on compensation and service to date. The Target Normal Cost is the present value of benefits expected to be accrued during the current plan year, reflecting the effect of expected compensation increases during the year and including expected plan administrative and investment related expenses to be paid from plan assets during the year.

Non-Prescribed Funding Assumptions and Methods

The following assumptions were selected by the plan's enrolled actuary. The demographic assumptions were based on an experience study completed in 2019 and the results were based on plan experience for the five-year period between 2014 and 2018. The process used to determine the expected long-term rate of return on assets relied on a combination of historical asset return information and forward-looking returns by asset class using information from various external investment managers and consultants. The asset valuation method was selected by the plan sponsor with the actuary's advice and is an acceptable method under the applicable provisions of the Internal Revenue Code and associated regulations.

Expenses

Expected plan administrative and investment related expenses of $240,000 ($440,000 in 2020) were added to the Target Normal Cost, based on expenses paid in the prior year and estimated PBGC premiums to be paid in the current year.

Frequency of optional payment forms

Eligible Salaried Employees: It was assumed that 40% of actives elect a single life annuity at commencement and 60% of actives elect a 50% joint and survivor annuity. 100% of current deferred vested and future deaths elect a single life annuity.

TRADCO Employees: It was assumed that 60% of actives and current deferred vested elect a single life annuity at commencement and 40% of actives and current deferred vested elect a 50% joint and survivor annuity. 100% of future deaths elect a single life annuity.

Marital percentage

80% of participants are assumed to be married at death. Husbands are assumed to be 3 years older than their wives.

Early Retirement rates

	Annual Rate of Early Retirement			
Age	55/10	60/15	62/15	70/80
50				5.50%
51				5.50
52				5.50
53				5.50
54				5.50
55	5.00%			5.50
56	4.00			5.50
57	3.50			5.50
58	4.50			5.50
59	7.00			5.50
60	7.00	5.00%		5.50
61	9.00	6.00		5.50
62	12.00	12.00	28.00%	
63	11.00	11.00	28.00	
64	11.00	11.00	28.00	

Non-Prescribed Funding Assumptions and Methods (continued)

Normal Retirement rates

Age	Annual Rate of Normal Retirement	
	Eligible Salaried	TRADCO
65	35.00%	25.00%
66	35.00	25.00
67	30.00	20.00
68	30.00	20.00
69	30.00	20.00
70	100.00	100.00

Terminated vested participants are assumed to commence receiving benefits at Normal Retirement Age.

Withdrawal rates for active participants not eligible for retirement

Age	Rate of Withdrawal
20	20.00%
25	18.00
30	13.00
35	9.00
40	5.50
45	3.75
50	3.50
55	3.50
60	3.50
64	3.50

Disability rates

	Years of Service		
Age	6	15	30+
50	0.0%	0.0%	5.5%
51	0.0	0.0	5.5
52	0.0	0.0	5.5
53	0.0	0.0	5.5
54	0.0	0.0	5.5
55	0.0	5.5	5.5
56	0.0	5.5	5.5
57	0.0	5.5	5.5
58	0.0	5.5	5.5
59	0.0	5.5	5.5
60	0.0	5.5	5.5
61	0.0	5.5	5.5
62	0.0	0.0	0.0
63	0.0	0.0	0.0
64	5.5	0.0	0.0

Other contingencies may apply. No disability rates are assumed for TRADCO employees.

Asset valuation method

The Actuarial Value of Assets is market value as of the valuation date, including discounted receivable contributions, reduced by 2/3 and 1/3 of the gain/(loss) in each of the prior 2 years, respectively. The gain/(loss) for each period is determined as the actual return on market value during the period less the expected return on market value based on an assumed earnings rate chosen by the actuary but required by PPA to be not greater than the applicable third Segment Rate. The resulting value is constrained to be within a corridor of 90% to 110% of market value, including discounted receivable contributions.

	Actuary's Assumption	Third Segment Rate	Reflecting PPA Limit
2021 Expected Return	7.00%	6.11%	6.11%
2020 Expected Return	7.00%	6.27%	6.27%
2019 Expected Return	7.00%	6.11%	6.11%

Future actuarial measurements

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, changes expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions, applicable law or regulations. An analysis of the potential range of such future differences is beyond the scope of this report.

Use of Models

Actuarial Standard of Practice No. 56 ("ASOP 56") provides guidance to actuaries when performing actuarial services with respect to designing, developing, selecting, modifying, using, reviewing, or evaluating models. Buck uses third-party software in the performance of annual actuarial valuations and projections. The model is intended to calculate the liabilities associated with the provisions of the plan using data and assumptions as of the measurement date under the funding rules and/or accounting standards specified in this report. Further, the model applies those funding rules and/or accounting standards to the liabilities derived and other inputs, such as plan assets and contributions, to generate many of the exhibits found in this report. Buck has an extensive review process whereby the results of the liability calculations are checked using detailed sample output, changes from year to year are summarized by source, and significant deviations from expectations are investigated. Other funding and/or accounting outputs are similarly reviewed in detail and at a high level for accuracy, reasonability and consistency with prior results. Buck also reviews the model when significant changes are made to the software. The review is performed by experts within the company who are familiar with applicable funding and/or accounting rules as well as the manner in which the model generates its output.

Summary of Changes from the January 1, 2020 Valuation

Prescribed Assumptions: The interest rates were updated to the current rates as specified in the IRS Regulation 1.430(h)(2)-1. These rates are constrained in accordance with the American Rescue Plan Act. The mortality improvement scale has been updated to scale MP-2019 in accordance with the requirements of the internal revenue code and associated regulations.

These assumption changes increased the Funding Target approximately $1,300,000.

Non-Prescribed Assumptions: None.

Pension Plan for Eligible Salaried Employees of RMI Titanium Company

EIN: 31-0875005

PN: 004

ATTACHMENT TO SCHEDULE SB OF 2021 FORM 5500

Schedule SB, Line 23 – Information on Use of Substitute Mortality Tables

The substitute mortality table applies to all groups of plan participants and thus there are no groups that use the prescribed mortality tables for the 2021 plan year. The mortality ratio used to develop the table is 1.0639255 and applies to both males and females. The tables are based on full credibility. The substitute mortality tables have been approved beginning with the plan year commencing January 1, 2018 and ending with the plan year commencing January 1, 2027.

Pension Plan for Eligible Salaried Employees of RMI Titanium Company

EIN: 31-0875005

PN: 004

ATTACHMENT TO SCHEDULE SB OF 2021 FORM 5500

Schedule SB, Line 15 – Reconciliation of Differences Between Valuation Results and Amounts Used to Calculate AFTAP

The enrolled actuary signed a 2021 AFTAP Certification on 9/29/2021. The AFTAP was 105.68% and was determined according to the following plan values. These plan values are in accordance with segment rates to be used without reflecting the provisions of the American Rescue Plan Act (ARPA). The plan sponsor has deferred implementation of the updated stabilized segment rate provisions in ARPA for AFTAP (section 436) purposes until the 2022 plan year. However, the plan sponsor has elected the updated segment rate provisions effective with the 2020 plan year for funding valuation purposes under IRC Section 430.

Funding Target	$	77,300,034
Actuarial Value of Assets	$	81,692,459
Adjusted Funding Target	$	77,300,034
Adjusted Actuarial Value of Assets	$	81,692,459
Prefunding Balance	$	6,137,320
Funding Standard Carryover Balance	$	0

Pension Plan for Eligible Salaried Employees of RMI Titanium Company

EIN: 31-0875005

PN: 004

ATTACHMENT TO SCHEDULE SB OF 2021 FORM 5500

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

(1) Age	(2) Expected Active Headcount	(3) Retirement Rate	(4) Expected Retirements (2)*(3)	(5) Weighted Age (1)*(4)
53	11.3099	0.0210	0.2378	12.6043
54	12.5260	0.0158	0.1979	10.6889
55	12.6935	0.0405	0.5144	28.2908
56	13.4621	0.0473	0.6366	35.6472
57	15.1291	0.0493	0.7463	42.5407
58	18.5778	0.0691	1.2834	74.4397
59	16.2902	0.0799	1.3023	76.8384
60	17.1078	0.0907	1.5521	93.1275
61	16.8183	0.1130	1.9006	115.9363
62	16.2947	0.2015	3.2840	203.6100
63	14.8929	0.1889	2.8128	177.2084
64	12.9607	0.1744	2.2603	144.6611
65	11.5892	0.2887	3.3458	217.4745
66	8.1372	0.2852	2.3211	153.1893
67	5.7348	0.2319	1.3300	89.1131
68	4.3430	0.2290	0.9945	67.6263
69	3.2984	0.2262	0.7461	51.4823
70	2.5113	1.0000	2.5113	175.7911
Total			27.9775	1,770.2701
	WARA:	**Total (5) / Total (4)**	**=**	**63.27 years**

Note: The table presents values rounded to fewer significant digits than used in the calculations.

Note to Column 2: The Expected Active Headcount for each age includes persons who are eligible to retire and persons who are not eligible to retire at each age.

Note to Column 3: At each age, these retirement rates are a weighted average of the rates shown in Attachment to Part V for active participants eligible to retire at the age and zero for all other active participants.

Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210 - 0110
1210 - 0089

2021

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instr.)
☒ a single-employer plan ☐ a DFE (specify) _____

B This return/report is: ☐ the first return/report ☒ the final return/report
☐ an amended return/report ☐ a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here ..... ▶ ☐

D Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program
☐ special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here ..... ▶ ☐

Part II Basic Plan Information - enter all requested information

1a Name of plan
PENSION PLAN FOR ELIGIBLE SALARIED EES OF RMI TITANIUM COMPANY

1b Three-digit plan number (PN) ▶ 004

1c Effective date of plan 04/01/1964

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
RMI TITANIUM CO., LLC

HOWMET AEROSPACE INC.
201 ISABELLA STREET, SUITE 200

PITTSBURGH PA 15212-5872

2b Employer Identification Number (EIN) 31-0875005

2c Plan Sponsor's telephone number 412-553-4545

2d Business code (see instructions) 551112

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	[signature]	10/6/22	DAVID ADAMS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2021)
v. 210624

3a Plan administrator's name and address [X] Same as Plan Sponsor

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:
a Sponsor's name
c Plan Name

4b EIN

4d PN

5	Total number of participants at the beginning of the plan year	**5**	921
6	Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a (1)	Total number of active participants at the beginning of the plan year	**6a(1)**	38
a (2)	Total number of active participants at the end of the plan year	**6a(2)**	0
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	0
d	Subtotal. Add lines **6a(2), 6b,** and **6c**	**6d**	0
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	0
f	Total. Add lines **6d** and **6e**	**6f**	0
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
1A 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)
- (1) [ ] Insurance
- (2) [ ] Code section 412(e)(3) insurance contracts
- (3) [X] Trust
- (4) [ ] General assets of the sponsor

9b Plan benefit arrangement (check all that apply)
- (1) [X] Insurance
- (2) [ ] Code section 412(e)(3) insurance contracts
- (3) [X] Trust
- (4) [ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules
- (1) [X] **R** (Retirement Plan Information)
- (2) [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) [X] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules
- (1) [X] **H** (Financial Information)
- (2) [ ] **I** (Financial Information - Small Plan)
- (3) [ ] **A** (Insurance Information)
- (4) [ ] **C** (Service Provider Information)
- (5) [X] **D** (DFE/Participating Plan Information)
- (6) [ ] **G** (Financial Transaction Schedules)

SCHEDULE SB (Form 5500)	Single-Employer Defined Benefit Plan Actuarial Information	OMB No. 1210-0110
Department of the Treasury, Internal Revenue Service; Department of Labor, Employee Benefits Security Administration; Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	2021 — This Form is Open to Public Inspection

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan: PENSION PLAN FOR ELIGIBLE SALARIED EMPLOYEES OF RMI TITANIUM COMPANY	**B** Three-digit plan number (PN) ▶ 004
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF: RMI TITANIUM COMPANY LLC	**D** Employer Identification Number (EIN): 31-0875005

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2021

2 Assets:

a Market value	2a	89,332,017
b Actuarial value	2b	81,692,459

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	707	58,666,874	58,666,874
b For terminated vested participants	176	8,125,056	8,125,056
c For active participants	38	5,561,378	6,105,868
d Total	921	72,353,308	72,897,798

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	4a	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5 Effective interest rate	5	5.52%
6 Target normal cost		
a Present value of current plan year accruals	6a	0
b Expected plan-related expenses	6b	240,000
c Total (line 6a + line 6b)	6c	240,000

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE Audrey Cervas — Signature of actuary; 9/21/2022 — Date

AUDREY A. CERVAS — Type or print name of actuary

2006430 — Most recent enrollment number

BUCK GLOBAL, LLC — Firm name

412-281-2506 — Telephone number (including area code)

11 STANWIX STREET, SUITE 700

PITTSBURGH PA 15222-1312 — Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	6,044,195
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	695,302
9	Amount remaining (line 7 minus line 8)	0	5,348,893
10	Interest on line 9 using prior year's actual return of 14.74%	0	788,427
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		1,821,631
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.66%		63,750
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		102,488
	c Total available at beginning of current plan year to add to prefunding balance		1,987,869
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	6,137,320

Part III Funding Percentages

14	Funding target attainment percentage	14	103.64%
15	Adjusted funding target attainment percentage	15	105.68%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	96.39%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ► 18(b)	0	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	☐ N/A, full yield curve used
4.75 %	5.36 %	6.11 %	

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	63

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☐ Prescribed - separate ☒ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6c)	**31a**	240,000
b Excess assets, if applicable, but not greater than line 31a	**31b**	240,000

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	0

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35)	**36**	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	0
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011