

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A This return/report is for:	☐ a multiemployer plan ☒ a single-employer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ 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 MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN	<table border="1"> <tr> <td>1b Three-digit plan number (PN) ▶</td> <td>002</td> </tr> <tr> <td>1c Effective date of plan 11/01/1992</td> <td></td> </tr> <tr> <td>2b Employer Identification Number (EIN) 25-1190717</td> <td></td> </tr> <tr> <td>2c Plan Sponsor's telephone number 212-878-1800</td> <td></td> </tr> <tr> <td>2d Business code (see instructions) 325900</td> <td></td> </tr> </table>	1b Three-digit plan number (PN) ▶	002	1c Effective date of plan 11/01/1992		2b Employer Identification Number (EIN) 25-1190717		2c Plan Sponsor's telephone number 212-878-1800		2d Business code (see instructions) 325900	
1b Three-digit plan number (PN) ▶	002										
1c Effective date of plan 11/01/1992											
2b Employer Identification Number (EIN) 25-1190717											
2c Plan Sponsor's telephone number 212-878-1800											
2d Business code (see instructions) 325900											
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) MINERALS TECHNOLOGIES INC. 622 THIRD AVE. 38TH FLOOR NEW YORK, NY 10017											

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.	06/22/2023	MICHAEL CIPOLLA
	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 (2022)
v. 220413

3a Plan administrator's name and address ☒ 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 2330
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 a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	 6a(1) 1637 6a(2) 1680 6b 0 6c 712 6d 2392 6e 12 6f 2404 6g 2352 6h 239
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: 2E 2G 2J 2K 2S 2T 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) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ 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) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ 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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 MINERALS TECHNOLOGIES INC.	D Employer Identification Number (EIN) 25-1190717	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier NEW YORK LIFE INSURANCE COMPANY
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(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5582869	66915	31507	2352	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
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(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end.....	4	
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	63100290

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☐ other ▶

b	Balance at the end of the previous year	7b	0
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c	Additions: (1) Contributions deposited during the year	7c(1)		
	(2) Dividends and credits.....	7c(2)		
	(3) Interest credited during the year.....	7c(3)		
	(4) Transferred from separate account.....	7c(4)		
	(5) Other (specify below)	7c(5)		

(6) Total additions.....	7c(6)	0
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d Total of balance and additions (add lines 7b and 7c(6))	7d	0
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)		
(2) Administration charge made by carrier.....	7e(2)		
(3) Transferred to separate account.....	7e(3)		
(4) Other (specify below)	7e(4)		

(5) Total deductions.....	7e(5)	0
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	0
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider 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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 MINERALS TECHNOLOGIES INC.	D Employer Identification Number (EIN) 25-1190717

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JOHN HANCOCK RETIREMENT PLAN SVCS.

01-0233346

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 37 62 64	RETAINED BY CLIENT	103850	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

WITHUM

P.O. BOX 5340
PRINCETON, NC 08543

22-2027002

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	RETAINED BY CLIENT	23697	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

FIDUCIARY PLAN PARTNERS, LLC

900 SOUTH AVENUE WEST
WESTFIELD, NJ 07090

81-2872393

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	RETAINED BY CLIENT	17500	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

GATEWAY ADVISORY, LLC

900 SOUTH AVENUE WEST
WESTFIELD, NJ 07090

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	RETAINED BY CLIENT	8750	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
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(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN	B Three-digit plan number (PN) ►	002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 MINERALS TECHNOLOGIES INC.		
D Employer Identification Number (EIN) 25-1190717		

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: NEW YORK LIFE ANCHOR ACCOUNT	
b Name of sponsor of entity listed in (a): NEW YORK LIFE INSURANCE COMPANY	
c EIN-PN 13-5582869-125	d Entity code P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 63100290	
a Name of MTIA, CCT, PSA, or 103-12 IE: BLACKROCK EQUITY INDEX	
b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST COMPANY, NA	
c EIN-PN 94-3405560-001	d Entity code C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 42103650	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA S&P MIDCAP INDEX II	
b Name of sponsor of entity listed in (a): STATE STREET BANK & TRUST COMPANY	
c EIN-PN 04-0025081-079	d Entity code C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7781535	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA RUSSELL SMALL CAP INDEX FUND	
b Name of sponsor of entity listed in (a): STATE STREET BANK & TRUST COMPANY	
c EIN-PN 04-0025081-086	d Entity code C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4327921	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT INCOME NL D	
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS	
c EIN-PN 90-0337987-265	d Entity code C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1545888	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2065 NL D	
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS	
c EIN-PN 32-6528132-044	d Entity code C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 295489	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2020 NL D	
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS	
c EIN-PN 90-0337987-268	d Entity code C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2088355	

a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2025 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-269	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9396657
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2030 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-270	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6818532
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2035 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-271	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5323923
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2040 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-272	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3680591
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2045 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-273	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4404815
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2050 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-274	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3379943
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2055 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-423	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2358750
a Name of MTIA, CCT, PSA, or 103-12 IE: WILMINGTON LARGE CAP VALUE FUND		
b Name of sponsor of entity listed in (a): WILMINGTON TRUST		
c EIN-PN 38-4065329-426	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6848273
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA TARGET RETIREMENT 2060 NL D		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-420	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 338223
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**b** Name of
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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**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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MINERALS TECHNOLOGIES INC.</u>	D Employer Identification Number (EIN) <u>25-1190717</u>	

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	630188	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(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)	648894	1115699
(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)	0	426023
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)	15668591	11555265
(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)	4939885	4611806
(9) Value of interest in common/collective trusts.....	1c(9)	119255047	100692545
(10) Value of interest in pooled separate accounts	1c(10)	65023091	63100290
(11) Value of interest in master trust investment accounts.....	1c(11)		
(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)	120241393	92293948
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	41380150	38267252
(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	367787239	312062828

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	367787239	312062828
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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)	6389382	
(B) Participants	2a(1)(B)	11954245	
(C) Others (including rollovers)	2a(1)(C)	415216	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		18758843
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	10150	
(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)	231086	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		241236
(2) Dividends: (A) Preferred stock	2b(2)(A)	121123	
(B) Common stock	2b(2)(B)	387033	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1574286	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		2082442
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	14539860	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	16569519	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-2029659
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	-7124967	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-7124967

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-19748170
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		1575018
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(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)		-24347050
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-30592307
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	24978307	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		24978307
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)	23697	
(2) Contract administrator fees	2i(2)	103850	
(3) Investment advisory and management fees	2i(3)	26250	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		153797
j Total expenses. Add all expense amounts in column (b) and enter total	2j		25132104
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-55724411
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

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) ☒ 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) ☐ 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: WITHUM SMITH & BROWN, P.C

(2) EIN: 22-2027092

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:

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.)

	Yes	No	Amount
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?	X		15000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
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.)	X		
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			

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)

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 _____.

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN		B Three-digit plan number (PN) 002
C Plan sponsor's name as shown on line 2a of Form 5500 MINERALS TECHNOLOGIES INC.		D Employer Identification Number (EIN) 25-1190717
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): 80-0709115		
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
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
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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
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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: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% 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 _____

MINERALS TECHNOLOGIES INC. SAVINGS AND INVESTMENT PLAN
Financial Statements
December 31, 2022 and 2021
With Independent Auditor's Report

INDEPENDENT AUDITOR'S REPORT

To the Plan Participants and Plan Administrator of
Minerals Technologies Inc. Savings and Investment Plan:

Opinion

We have audited the financial statements of Minerals Technologies Inc. Savings and Investment Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the 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 financial statements that are free from material misstatement, whether due to fraud or error.

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

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's 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 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 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 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 Plan's 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 financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Plan's ability to continue as a going concern for a reasonable period of time.

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.

Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of assets (held at end of year) is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

A handwritten signature in blue ink that reads "WithumSmith+Brown, P.C." in a cursive script.

WithumSmith+Brown, P.C.
New York, New York
June 16, 2023

11-K 1 form11k_2022.htm MTI REPORT ON FORM 11-K AS OF DECEMBER 31, 2022

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 11-K
ANNUAL REPORT**

PURSUANT TO SECTION 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2022

Commission file no. 1-11430

- A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

- B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

MINERALS TECHNOLOGIES INC.

622 Third Avenue
New York, New York, 10017-6707

Report of Independent Registered Public Accounting Firm

To the Plan Participants and Plan Administrator
Minerals Technologies Inc. Savings and Investment Plan:

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of Minerals Technologies Inc. Savings and Investment Plan (the “Plan”) as of December 31, 2022, the related statements of changes in net assets available for benefits for the years ended December 31, 2022, and the related notes (collectively, the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022, and the changes in net assets available for benefits for the years ended December 31, 2021, in conformity with accounting principles generally accepted in the United States.

Basis for Opinion

These financial statements are the responsibility of the Plan’s management. Our responsibility is to express an opinion on these financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting, but not for the purposes of expressing an opinion on the effectiveness of the Plan’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Accompanying Supplemental Information

The Schedule H, Line 4i, Schedule of Assets (Held at End of Year) as of December 31, 2022, has been subjected to audit procedures performed in conjunction with the audit of the Plan’s financial statements. The supplemental information is the responsibility of the Plan’s management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ Withum Smith+Brown, PC

We have served as the Plan’s auditor since 2022.

New York, New York

June 16, 2023

PCAOB ID Number 100

MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN
Statements of Net Assets Available for Benefits
(in thousands)

	December 31,	
	2022	2021
Assets:		
Investments, at fair value (note 3):		
Cash equivalents	\$ 1,115	\$ 1,279
In securities of participating employer	38,268	41,380
In securities of unaffiliated issuers:		
Common stock	11,981	15,669
Common collective funds	100,693	119,255
Mutual funds	92,294	120,242
Total investments, at fair value	<u>244,351</u>	<u>297,825</u>
Fully benefit-responsive investment contracts, at contract value	63,100	65,023
Notes receivable from participants	<u>4,612</u>	<u>4,940</u>
Net assets available for benefits	<u><u>\$ 312,063</u></u>	<u><u>\$ 367,788</u></u>

See accompanying notes to the financial statements.

MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN
Statements of Changes in Net Assets Available for Benefits
(in thousands)

	Year Ended December 31,	
	2022	2021
Additions to net assets attributed to:		
Investment (loss) income:		
Net (depreciation)/appreciation in fair value of investments	\$ (53,251)	\$ 48,501
Dividends	2,093	2,134
Interest	1,576	1,228
	<u>(49,582)</u>	<u>51,863</u>
Interest from notes receivable from participants	<u>231</u>	<u>246</u>
Contributions:		
Participants	12,369	11,981
Employer	6,389	6,000
	<u>18,758</u>	<u>17,981</u>
Total contributions	<u>18,758</u>	<u>17,981</u>
Total (reductions)/additions	<u>(30,593)</u>	<u>70,090</u>
Reductions from net assets attributed to:		
Benefits paid to participants	24,978	36,771
Administrative expenses	154	265
	<u>25,132</u>	<u>37,036</u>
Total reductions	<u>25,132</u>	<u>37,036</u>
Net (decrease)/increase	(55,725)	33,054
Net assets available for benefits:		
Beginning of year	<u>367,788</u>	<u>334,734</u>
End of year	<u>\$ 312,063</u>	<u>\$ 367,788</u>

See accompanying notes to the financial statements.

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

(1) Description of Plan

The following description of the Minerals Technologies Inc. Savings and Investment Plan (the “Plan”) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan sponsored by Minerals Technologies Inc. (the “Plan Sponsor” or “Company”). Employees who generally work more than 20 hours per week become eligible to participate in the Plan on the date of their employment.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

Contributions

Participants may elect to contribute between 2% and 20% of eligible earnings (as defined). Contributions may be made on a pre-tax basis, on an after-tax basis, or on a combined basis. Employee contributions of the first 3% of the participant's eligible contributions will be matched 100% by the Company and the next 2% will be matched 50% by the Company to a maximum compensation limit of \$305,000. Employee contributions in excess of 5% will not be matched. While it is the Company's intention to make matching contributions each payroll period, the Company's Board of Directors reserves the right to increase, reduce or eliminate matching contributions for any Plan year, or for any payroll period. The Company's matching contributions are invested solely in the Company's common stock. Participants can, at any time, transfer or reallocate amounts held in the MTI Common Stock Fund to another fund under the Plan. Certain employees of AMCOL International, hired after December 31, 2003 through the merger date receive a special retirement contribution of 3% of compensation.

Employees initially eligible to participate in the Plan on or after January 1, 2012 will be automatically enrolled at a 3% contribution rate. Newly eligible participants have approximately 45 days from their initial eligibility date to choose a different pre-tax percentage, contribute on an after-tax basis or to opt not to participate in the Plan.

Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. Participants direct the investment of their contributions into various investment options offered by the Plan. The maximum before-tax contribution limit for participants under age 50 was \$20,500 and \$19,500 for 2022 and 2021, respectively. However, a participant's contributions may be further increased or reduced based on the rules and regulations of the Internal Revenue Code (“IRC”). All eligible employees who are projected to attain age 50 before the end of the year will be eligible to make pre-tax catch-up contributions in accordance with certain regulations.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) the Company's contributions and (b) Plan earnings or loss and charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

Vesting

Participants are fully vested in the entire value of their accounts at the time of contribution.

Investment Options

Each participant in the Plan elects to have contributions invested in any one or a combination of the following separate investment options as of December 31, 2022:

New York Life Insurance Anchor Account IV: This fund is a New York Life Insurance Company pooled separate account which invests in fixed income securities.

BlackRock Impact Mortgage Fund: This fund invests primarily in the highest-rated government and agency bonds and maintains an average portfolio duration that is within 20% of the Lehman Brothers Intermediate Government Index.

Prudential Total Return Bond Fund: This fund invests primarily in bonds.

MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN

Notes to Financial Statements
December 31, 2022 and 2021

State Street Target Retirement Non-Lending Series Funds (The Strategy Funds): These funds are designed to incorporate a broad range of asset classes to provide diversification of returns and risks consistent with a stated time horizon. The Strategy Funds asset mix becomes progressively more conservative over time as the strategy target date grows nearer. The strategy target dates range from 2020 to 2065. There is also an age-based lifetime strategy fund. The investments are in a combination of U.S. stocks, international stocks, bonds and cash.

Alliance Bernstein Discovery Value Fund: This fund invests primarily in small and mid-capitalization stocks.

American Funds - Fundamental Investors Fund: This fund invests primarily in common stocks and may invest significantly in securities of issuers domiciled outside the U.S. and Canada and not included in the S&P 500 Index.

Black Rock Equity Index Fund: This fund invests in the same stocks held in the S & P 500 Index.

Eaton Vance AtlCapSMID-Cap: This fund invests primarily in small and mid-capitalization stocks.

ClearBridge Large Cap Growth Fund (IS): This fund seeks long-term capital growth. This fund invests at least 80% of its net assets in equity securities or other instruments with similar economic characteristics of U.S. companies with large market capitalizations.

Janus Henderson Balanced Fund (N): This fund is invested in stocks and bonds.

Janus Triton Fund (I): This fund invests in equity securities of small and medium-sized companies.

MFS International Value R4 Fund: This fund primarily invests its assets in foreign equity securities, including emerging market equity securities.

MFS International Value R6 Fund: This fund primarily invests its assets in foreign equity securities, including emerging market equity securities.

Vanguard Life Strategy Conservative Growth Fund: This fund is invested in stocks, bonds and cash equivalents. Approximately 60% of the fund's assets are invested in bonds and 40% in common stocks and cash equivalents.

Vanguard Life Strategy Growth Fund: This fund is primarily invested in stocks and bonds. Approximately 80% of the fund's assets are invested in stocks and 20% in bonds.

Vanguard Life Strategy Moderate Growth Fund: This fund is invested in stocks, bonds and cash equivalents. Approximately 60% of the fund is invested in mid and large capitalization stock and 40% in fixed income securities and cash equivalents.

Wilmington Large Cap Value Fund: This fund invests in a diversified portfolio of U.S. equity (or equity-related) securities of large-cap companies (primarily common stock).

State Street Russell Small/Midcap Index Non-Lending Series Fund: This fund is designed to match the risk and return of the Russell 2000 Index, a broadly based average of the U.S. equity market.

State Street S&P Midcap 400 Index Securities Lending Series Fund: This fund is designed to match the risk and return of the Standard & Poor's 400 Index, a broadly based average of the U.S. equity market.

MTI Common Stock Fund: This fund invests in the Company's common stock. The MTI Common Stock Fund is a participant-directed fund. All Company matching contributions are invested in this fund, and once deposited; the investments are participant-directed.

Pfizer Common Stock Fund: This fund invests in the common stock of Pfizer Inc. The fund holds contributions to the Pfizer Common Stock Fund, which were transferred from Pfizer Inc. when the Plan was established. No new contributions or transfers can be made into this fund, however, participants are allowed to transfer balances from this fund into other investment options.

TD Ameritrade Participant-Directed Brokerage Account: This is a participant-directed brokerage account which invests primarily in a variety of publicly available mutual funds, common stock and cash and cash equivalents.

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

Notes Receivable from Participants

Participants may borrow from their accounts an amount up to \$50,000 or 50% of their account balance, whichever is less. The minimum amount a participant may borrow is \$1,000. The loan repayments and interest earned are allocated to each eligible investment option based upon the participant's current contribution election percentages.

Loans must be repaid over a period of not more than five years; however, if the loan is used to purchase a principal residence, the loan can be repaid over a period of not more than fifteen years. The loans are secured by the balance in the participant's account and bear interest at rates that range from 4.25% to 9.75% for both 2022 and 2021 which are fixed at the time of the loan and which are commensurate with prevailing rates as determined quarterly by the Plan administrator.

Payment of Benefits

On termination of service due to death, disability, retirement, or other reasons, a participant would receive a lump-sum amount equal to the value of the participant's account. In-service withdrawals, including hardship withdrawals, may also be made under certain circumstances.

(2) Summary of Significant Accounting Policies

Basis of Presentation

The accompanying financial statements have been prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Asset Valuation and Income Recognition

The Plan's investments are stated at fair value except for the fully benefit responsive contract which is stated at contract value. Short-term investments are recorded at cost, which approximates fair value. The common stock within the MTI Common Stock Fund, Pfizer Common Stock Fund, and the shares of mutual funds, including those held in the brokerage account are valued using quoted market prices. Common collective funds are stated at fair value reported by the fund manager based on the underlying investments within each fund and are expressed in units representing the net asset value of each fund. The value of a unit will fluctuate in response to various factors including, but not limited to, the price of the underlying shares, dividends paid, earnings and losses, and the mix of assets in the respective fund.

Purchases and sales of securities are recorded on a trade date basis. The net (depreciation) appreciation in fair value of investments consists of the net realized gains and losses from the sale of investments and the unrealized appreciation (depreciation) of the fair value for the investments remaining in the Plan.

Dividend income is recorded on the ex-dividend date. Interest income is recorded on an accrual basis.

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest.

Delinquent participant loans are reclassified as distributions based upon the terms of the plan agreement.

Payment of Benefits

Benefits are recorded when paid.

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

(3) Fair Value Measurements

There is a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. These tiers include: Level 1, defined as observable inputs such as quoted prices in active markets; Level 2, defined as inputs other than quoted prices in active markets that are either directly or indirectly observable; and Level 3, defined as unobservable inputs about which little or no market data exists, therefore requiring an entity to develop its own assumptions.

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 or 2021.

Equity securities: The fair value is based on the unadjusted closing price reported on the active market on which the security is traded and is classified within Level 1 of the fair value hierarchy.

Mutual funds: Registered investment companies are public investment vehicles valued using net asset value ("NAV") provided by the administrator of the mutual fund. These securities are valued using quoted market prices. The NAV is an unadjusted quoted price on an active market and classified within Level 1 of the fair value hierarchy.

Common collective funds: Valued at the fair value using the NAV provided by the fund trustee as a practical expedient based on the value of the underlying assets owned by the trust, minus its liabilities, and then divided by the number of shares outstanding. There are no imposed redemption restrictions nor does the Plan have any contractual obligations to further invest in the common collective trust funds. There are no unfunded commitments. The NAV for these funds are published on a daily basis and is the basis for the Plan participant transactions. In accordance with subtopic 820-10, these investments have not been classified in the fair value hierarchy. The amounts presented in the fair value table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statements of assets available for benefits.

Cash equivalents: The carrying value approximates fair value and is classified within Level 1 of the fair value hierarchy.

The following tables sets forth by level, the Plan's financial assets at fair value as of December 31, 2022 and 2021. Assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The Company's assessment of the significance of a particular input to the fair value measurement requires judgment and may affect the valuation of fair value assets and liabilities and their placement within the fair value hierarchy levels. The method described above may produce a fair value that may not be indicative of net realizable value or reflective of future fair value. There were no transfers between fair value levels during 2022 and 2021.

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

As of December 31, 2022
(dollars in thousands)

	Investments at Fair Value as determined by Quoted or Published Prices in active markets (Level I)	Valuation techniques based on observable market data (Level II)	Valuation techniques incorporating information other than observable market data (Level III)	Total Investments measured at Fair Value at December 31, 2022
Cash equivalents	\$ 1,115	\$ --	\$ --	\$ 1,115
Mutual funds				
Fixed income funds	\$ 10,151	\$ --	\$ --	\$ 10,151
Equity funds	\$ 37,573	\$ --	\$ --	\$ 37,573
Growth & income funds	\$ 43,398	\$ --	\$ --	\$ 43,398
Mutual funds - participant-directed brokerage account				
Equity funds –capital growth	\$ 899	\$ --	\$ --	\$ 899
Equity funds – current income	\$ 134	\$ --	\$ --	\$ 134
Balanced funds	\$ 103	\$ --	\$ --	\$ 103
Fixed income funds	\$ 13	\$ --	\$ --	\$ 13
International funds	\$ 23	\$ --	\$ --	\$ 23
Total mutual funds	\$ 92,294	\$ --	\$ --	\$ 92,294
Common stock				
Participant-directed brokerage account	\$ 585	\$ --	\$ --	\$ 585
Pharmaceuticals	\$ 11,396	\$ --	\$ --	\$ 11,396
Industrial	\$ 38,268	\$ --	\$ --	\$ 38,268
Total common stock	\$ 50,249	\$ --	\$ --	\$ 50,249
Investments at NAV	\$ --	\$ --	\$ --	\$ 100,693
Total investments	\$ 143,658	\$ --	\$ --	\$ 244,351

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

As of December 31, 2021
(dollars in thousands)

	Investments at Fair Value as determined by Quoted or Published Prices in active markets (Level I)	Valuation techniques based on observable market data (Level II)	Valuation techniques incorporating information other than observable market data (Level III)	Total Investments measured at Fair Value at December 31, 2021
Cash equivalents	\$ 1,279	\$ --	\$ --	\$ 1,279
Mutual funds				
Fixed income funds	\$ 12,604	\$ --	\$ --	\$ 12,604
Equity funds	\$ 48,149	\$ --	\$ --	\$ 48,149
Growth & income funds	\$ 57,911	\$ --	\$ --	\$ 57,911
Mutual funds - participant-directed brokerage account				
Equity funds –capital growth	\$ 1,247	\$ --	\$ --	\$ 1,247
Equity funds – current income	\$ 184	\$ --	\$ --	\$ 184
Balanced funds	\$ 118	\$ --	\$ --	\$ 118
Fixed income funds	\$ 18	\$ --	\$ --	\$ 18
International funds	\$ 11	\$ --	\$ --	\$ 11
Total mutual funds	\$ 120,242	\$ --	\$ --	\$ 120,242
Common stock				
Participant-directed brokerage account	\$ 788	\$ --	\$ --	\$ 788
Pharmaceuticals	\$ 14,881	\$ --	\$ --	\$ 14,881
Industrial	\$ 41,380	\$ --	\$ --	\$ 41,380
Total common stock	\$ 57,049	\$ --	\$ --	\$ 57,049
Investments at NAV	\$ --	\$ --	\$ --	\$ 119,255
Total investments	\$ 178,750	\$ --	\$ --	\$ 297,825

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

(4) Fully Benefit Responsive Contract

The Plan invests in the New York Life Insurance Anchor Acct IV, which is considered a fully benefit responsive contract (the "Contract"). This investment is valued at contract value reported by the fund manager based on the underlying investments within each fund. There are no imposed redemption restrictions.

The existence of certain conditions can limit the Contract's ability to transact at contract value with the issuers of its investment contracts. Specifically, any event outside the normal operation of the Contract that causes a withdrawal from an investment contract may result in a negative market value adjustment with respect to such withdrawal. Examples of such events include, but are not limited to, partial or complete legal termination of the Contract or a unitholder, tax disqualification of the Contract or a unitholder, and certain Contract amendments if issuers' consent is not obtained. As of December 31, 2022, the occurrence of an event outside the normal operation of the Contract that would cause a withdrawal from an investment contract is not considered to be probable. To the extent a unitholder suffers a tax disqualification or legal termination event, under normal circumstances it is anticipated that liquid assets would be available to satisfy the redemption of such unitholder's interest in the Contract without the need to access investment contracts.

(5) Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan by action of the Company's Board of Directors, subject to the provisions of ERISA. Upon termination of the Plan, each participant thereby affected would receive the entire value of his or her account as of the date of such termination. No part of the assets in the investment funds established pursuant to the Plan would at any time revert to the Company.

(6) Tax Status

The Internal Revenue Service ("IRS") determined and informed the Company by a letter dated December 27, 2013, that the Plan and related Trust established thereunder are properly designed and, thus qualified and are tax exempt, respectively, within the meaning of Sections 401(a) and 501(a) of the Internal Revenue Code ("IRC"). Although the Plan has been amended and restated since receiving the determination letter, the Company and legal counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

U.S. GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or de-recognize an asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 and 2021, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or de-recognition of an asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes it is no longer subject to income tax audits for years prior to 2019.

(7) Administrative and Investment Advisor Costs

All costs of administering the Plan are paid by the Plan and amounted to \$153,797 and \$265,042 for the years ended December 31, 2022 and 2021, respectively. Participants are responsible for any origination and maintenance fees for each loan, and certain expenses for participating in the participant directed brokerage account. Investment advisers are reimbursed for costs incurred or receive a management fee for providing investment advisory services. Investment advisory fees and costs are deducted and reflected in the net (depreciation) appreciation in the fair value of investments on the Statements of Changes in Net Assets Available for Benefits.

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**Notes to Financial Statements
December 31, 2022 and 2021**

(8) Related-Party Transactions

John Hancock Trust Company LLC is Trustee and record keeper of the Plan. Certain Plan investments in the pooled separate account are managed by New York Life Investment Management LLC, an affiliate of John Hancock Trust Company LLC.

Certain Plan investments are shares of the Company's common stock, which qualify as party-in-interest transactions.

(9) Concentration of Risks and Uncertainties

The Plan's exposure to a concentration of credit risk is limited by the diversification of investments across several participant-directed fund elections. Additionally, the investments within each participant-directed fund election are further diversified into varied financial instruments, with the exception of the MTI and Pfizer Common Stock Funds, which principally invest in securities of a single issuer.

The Plan investments include a number of investment options including MTI and Pfizer common stock and a variety of investment funds, some of which are mutual funds or common collective funds. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility risk. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets for benefits and participant account balances. Plan investments included a variety of investment that may directly or indirectly invest in securities with contractual cash flows. The value, liquidity, and related income of these securities are sensitive to changes in economic conditions and may be adversely affected by shifts in the market's perception of the issuers and changes in interest rates.

(10) Subsequent Events

The Plan evaluated events subsequent to December 31, 2022 and through June 16, 2023, the date on which the financial statements were issued, and determined there have not been any events that have occurred that would require adjustment to or disclosure in the financial statements.

(11) Coronavirus Aid, Relief, and Economic Security (CARES) Act

On March 27, 2020, the CARES Act was signed into law and, among other things, included several relief provisions available to tax-qualified retirement plans and their participants. Plan management evaluated the relief provisions available to plan participants under the CARES Act, however elected not to adopt any of the provisions for Plan years ended December 31, 2022 and December 31, 2021. The CARES Act expired March 27, 2022.

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN NUMBER 25-1190717 PLAN NUMBER 002**

**As of December 31, 2022
(in thousands)**

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment/interest	Cost	Current Value
	Cash Equivalents:			
	PIMCO Government Money Market	Money market account	\$ 488	\$ 488
	TD Ameritrade Participant- Directed Brokerage Account	Various money market accounts	<u>\$ 627</u>	<u>\$ 627</u>
	Total Cash Equivalents		<u><u>\$ 1,115</u></u>	<u><u>\$ 1,115</u></u>
	Fully benefit responsive investment contract, at contract value:			
	New York Life Insurance Anchor * Acct IV	52,683 units	<u><u>\$ 59,722</u></u>	<u><u>\$ 63,100</u></u>
	Common Collective Funds:			
	Target Retirement 2020 Strategy			
	State Street Target Retirement 2020 Securities Non-Lending Series Fund	96 units	\$ 1,897	\$ 2,088
	Target Retirement 2025 Strategy			
	State Street Target Retirement 2025 Securities Non-Lending Series Fund	399 units	\$ 8,367	\$ 9,397
	Target Retirement 2030 Strategy			
	State Street Target Retirement 2030 Securities Non-Lending Series Fund	279 units	\$ 6,279	\$ 6,819
	Target Retirement 2035 Strategy			
	State Street Target Retirement 2035 Securities Non-Lending Series Fund	210 units	\$ 4,704	\$ 5,324
	Target Retirement 2040 Strategy			
	State Street Target Retirement 2040 Securities Non-Lending Series Fund	145 units	\$ 3,286	\$ 3,680
	Target Retirement 2045 Strategy			

State Street Target Retirement 2045 Securities Non-Lending Series Fund	171 units	\$ 4,012	\$ 4,405
Target Retirement 2050 Strategy			
State Street Target Retirement 2050 Securities Non-Lending Series Fund	130 units	\$ 3,080	\$ 3,380
Target Retirement 2055 Strategy			
State Street Target Retirement 2055 Securities Non-Lending Series Fund	135 units	\$ 2,296	\$ 2,359
Target Retirement 2060 Strategy			
State Street Target Retirement 2060 Securities Non-Lending Series Fund	21 Units	\$ 358	\$ 338

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN NUMBER 25-1190717 PLAN NUMBER 002**

**As of December 31, 2022
(in thousands)**

(a) Identity of issue, borrower, lessor or similar party	(b)	(c) <u>Description of investment/interest</u>	(d) <u>Cost</u>	(e) <u>Current Value</u>
Target Retirement 2065 Strategy				
State Street Target Retirement 2065 Securities Non-Lending Series Fund		26 Units	\$ 316	\$ 295
Target Retirement Income Strategy				
SSgA Target Retirement Income Non-Lending Series Fund		89 Units	\$ 1,375	\$ 1,546
Black Rock Equity Index Fund		880 units	\$ 25,307	\$ 42,104
State Street Russell Small/Midcap Index Non-Lending Series Fund		60 units	\$ 3,855	\$ 4,328
State Street S&P Midcap 400 Index Securities Lending Series Fund		54 units	\$ 6,056	\$ 7,782
Wilmington Large Cap Value Fund		441 units	<u>\$ 5,190</u>	<u>\$ 6,848</u>
Total Common Collective Funds			<u><u>\$ 76,378</u></u>	<u><u>\$100,693</u></u>
Mutual Funds:				
Alliance Bernstein Discovery Value Fund	84 units		\$ 1,815	\$ 1,628
American Funds - Fundamental Investors Fund	331 units		\$ 18,378	\$ 19,915
BlackRock Impact Mortgage Fund	324 units		\$ 3,437	\$ 2,955
ClearBridge Large Cap Growth Fund (IS)	223 Units	\$	\$ 12,448	\$ 10,425
Eaton Vance AtlCapSMID-Cap	107 units		\$ 3,660	\$ 3,656
Janus Triton Fund (I)	92 units		\$ 2,812	\$ 2,262
Janus Henderson Balanced Fund (N)	302 units		\$ 11,204	\$ 11,343
MFS International Value R4 Fund	110 units		\$ 4,675	\$ 3,913
MFS International Value R6 Fund	314 units		\$ 7,032	\$ 6,199

Prudential Total Return Bond Fund	613 units	\$	8,691	\$	7,196
Vanguard Life Strategy Conservative Growth Fund	216 units	\$	4,393	\$	4,122

**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

**SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN NUMBER 25-1190717 PLAN NUMBER 002**

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(in thousands)**

(a)	(b)	(c)	(d)	(e)
Identity of issue, borrower, lessor or similar party	Description of investment/interest	Cost	Current Value	
Vanguard Life Strategy Growth Fund	159 units	\$ 5,561	\$ 5,733	
Vanguard Life Strategy Moderate Growth Fund	429 units	\$ 11,330	\$ 11,775	
Mutual Fund Window				
TD Ameritrade Participant-Directed Brokerage Account	Various mutual fund investments	\$ 1,172	\$ 1,172	
Total Mutual Funds		<u>\$ 96,608</u>	<u>\$ 92,294</u>	
TD Ameritrade Participant-Directed Brokerage Account	Various common stock investments	\$ 585	\$ 585	
* MTI Common Stock Fund				
Minerals Technologies Inc. Common Stock	624 units	\$ 35,079	\$ 38,268	
Pfizer Common Stock Fund				
Pfizer Inc. Common Stock	222 units	\$ 5,428	\$ 11,396	
Total Common Stock		<u>\$ 41,092</u>	<u>\$ 50,249</u>	
Notes receivable from participants	463 loans to participants with interest rates of 4.25% to 9.75% with various maturity dates through 2037	\$ -	\$ 4,612	
Total			<u>\$ 312,063</u>	

* Parties in interest, as defined by ERISA.

See accompanying report of independent registered public accounting firm.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the members of the Savings and Investment Plan Committee, which administers the Minerals Technologies Inc. Savings and Investment Plan, have duly caused this annual report to be signed on their behalf by the undersigned thereunto duly authorized.

Minerals Technologies Inc. Savings and Investment Plan

By: /s/ Erik C. Aldag
Erik C. Aldag
Senior Vice President - Finance and Treasury,
Chief Financial Officer
Member, Minerals Technologies Inc. Savings
and Investment Plan Committee

Date: June 16, 2023

EXHIBIT INDEX

The following is a list of Exhibits filed as part of this Annual Report on Form 11-K:

Exhibit Number

23.1

Exhibit Description[Consent of Withum+Brown, PC](#)

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**MINERALS TECHNOLOGIES INC.
SAVINGS AND INVESTMENT PLAN**

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