

<div>Form 5500</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Annual Return/Report of Employee Benefit Plan</div> <div>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).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: <div><div>☐ a multiemployer plan</div><div>☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)</div><div>☒ a single-employer plan</div><div>☐ a DFE (specify) _____</div><div>☐ the first return/report</div><div>☐ the final return/report</div><div>☐ an amended return/report</div><div>☐ a short plan year return/report (less than 12 months)</div></div>
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: <div><div>☒ Form 5558</div><div>☐ automatic extension</div><div>☐ the DFVC program</div><div>☐ special extension (enter description)</div></div>
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 METTLER TOLEDO RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 049
1c	Effective date of plan 01/01/1988
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) METTLER-TOLEDO, LLC 1900 POLARIS PARKWAY COLUMBUS, OH 43240-4035
2b	Employer Identification Number (EIN) 34-1538688
2c	Plan Sponsor's telephone number 614-438-4898
2d	Business code (see instructions) 333310

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2024	SHANNON FISHER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
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 1756
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(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) 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	<div style="background-color: #cccccc; height: 20px; width: 100%;"></div> 6a(1) 296 6a(2) 264 6b 1042 6c 244 6d 1550 6e 174 6f 1724 6g(1) 6g(2) 6h
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

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

1A 1I 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
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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
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ **A** (Insurance Information) – Number Attached 0
- (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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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 _____

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
▶ Round off amounts to nearest dollar.	
▶ Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan METTLER TOLEDO RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 049
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF METTLER-TOLEDO, LLC	D Employer Identification Number (EIN) 34-1538688
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2023			
2	Assets:			
a	Market value	2a	84893329	
b	Actuarial value	2b	93382661	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	1188	82251074	82251074
b	For terminated vested participants	272	12134774	12134774
c	For active participants	296	12198609	12198609
d	Total	1756	106584457	106584457
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) ☐			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	5.15 %	
6	Target normal cost			
a	Present value of current plan year accruals	6a	0	
b	Expected plan-related expenses	6b	1566287	
c	Target normal cost	6c	1566287	

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

<div>SIGN HERE</div>	<div>Signature of actuary</div> <div>GREGORY H. REYNOLDS</div> <div>Type or print name of actuary</div> <div>AON CONSULTING, INC.</div> <div>Firm name</div> <div>MSC# 17854 P.O. BOX 7505 FORT WASHINGTON, PA 19034</div> <div>Address of the firm</div>	<div>09/19/2024</div> <div>Date</div> <div>23-06401</div> <div>Most recent enrollment number</div> <div>216-525-5363</div> <div>Telephone number (including area code)</div>
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Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	7153357
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	2483165
9	Amount remaining (line 7 minus line 8)	0	4670192
10	Interest on line 9 using prior year's actual return of <u>-17.30</u> %	0	-807943
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		0
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.32</u> %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		0
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	3862249

Part III		Funding Percentages	
14	Funding target attainment percentage	14	83.99 %
15	Adjusted funding target attainment percentage	15	83.99 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	92.52 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls	
18 Contributions made to the plan for the plan year by employer(s) and employees:			
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	
09/12/2024	1884000	0	
		Totals ►	18(b) 1884000 18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0
b Contributions made to avoid restrictions adjusted to valuation date	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 1730122
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☒ Yes ☐ No
c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year	
(1) 1st	(2) 2nd
0	0
(3) 3rd	(4) 4th
0	0

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost
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21 Discount rate:			
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 % ☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 4
22 Weighted average retirement age			22 65
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI	Miscellaneous Items
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24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
26 Demographic and benefit information	
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27

Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years
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28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII	Minimum Required Contribution For Current Year
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31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	1566287	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	17064045	1862108	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	3428395	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	2402674	2402674
36 Additional cash requirement (line 34 minus line 35).....	36	1025721	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	1730122	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	704401	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	704401	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX	Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)
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41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☒ 2019 ☐ 2020 ☐ 2021
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<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan METTLER TOLEDO RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 049
C Plan sponsor's name as shown on line 2a of Form 5500 METTLER-TOLEDO, LLC	D Employer Identification Number (EIN) 34-1538688

Part I

Service Provider Information (see instructions)

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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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)

NEPC LLC

26-1429809

(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	NONE	128938	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

AON CONSULTING LLC

36-3051915

(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?
11	NONE	83979	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

NORTHERN TRUST COMPANY

36-2723087

(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?
13 27	NONE	82176	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)

LOOMIS SAYLES

ONE FINANCIAL CENTER - 27TH FLOOR
BOSTON, MA 02111

(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	NONE	24049	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
(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

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 H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2023 This Form is Open to Public Inspection
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan METTLER TOLEDO RETIREMENT PLAN	B Three-digit plan number (PN) ►	049
C Plan sponsor's name as shown on line 2a of Form 5500 METTLER-TOLEDO, LLC	D Employer Identification Number (EIN) 34-1538688	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	4831	3711
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	1331962	1435065
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(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)	71846351	73525166
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	11710175	11514495

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	84893319	86478437
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	84893319	86478437

Part II Income and Expense Statement

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

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		0
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	448406	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		448406
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(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)		10377739
c Other income	2c		750912
d Total income. Add all income amounts in column (b) and enter total	2d		11577057

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	8359308	
(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)		8359308
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	54941	
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)	152987	
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)	83979	
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	1340724	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		1632631
j Total expenses. Add all expense amounts in column (b) and enter total	2j		9991939

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		1585118
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: **CLARK, SCHAEFER, HACKETT & CO.**

(2) EIN: **31-0800053**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒	
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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
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.			

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 522093.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2023</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan METTLER TOLEDO RETIREMENT PLAN	B Three-digit plan number (PN) ▶	049
C Plan sponsor's name as shown on line 2a of Form 5500 METTLER-TOLEDO, LLC	D Employer Identification Number (EIN) 34-1538688	

Part I	Distributions
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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): 36-3046063		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.			
3	Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	0

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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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
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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
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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.
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10	Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11	a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
	b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12	Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (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) 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) 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)	14a 14b 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) and (b): a Enter the percentage of plan assets held as: Public Equity: <u>60.5</u> % Private Equity: _____ % Investment-Grade Debt and Interest Rate Hedging Assets: <u>37.9</u> % High-Yield Debt: _____ % Real Assets: _____ % Cash or Cash Equivalents: _____ % Other: <u>1.6</u> % b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☒ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
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: _____	

Part VII	IRS Compliance Questions
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21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No 21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2). ☐ Design-based safe harbor method ☐ "Prior year" ADP test ☐ "Current year" ADP test ☒ N/A 22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ____/____/____ (MM/DD/YYYY) and the Opinion Letter serial number _____.	
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INDEPENDENT AUDITORS' REPORT

To the Participants and Plan Administrator of
Mettler Toledo Retirement Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the financial statements of the Mettler Toledo Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits (modified cash basis) as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits (modified cash basis) for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the 2023 Financial Statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2023 and 2022, stating that the certified investment information, as described in Note 8 to the financial statements, is complete and accurate.

Opinion

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

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with the modified cash basis of accounting as described in Note 2.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Emphasis of Matter - Basis of Accounting

We draw attention to Note 2 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to that matter.

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 Auditors' 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 ERISA Section 103(a)(3)(C) 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 the modified cash basis of accounting, as described in Note 2, and for determining that the modified cash basis of accounting is an acceptable basis for the preparation of these financial statements in the circumstances. Management is also responsible 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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 available to be 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.

Auditors' Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) section of our report, 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 auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the 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 the Mettler Toledo Retirement 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 the Mettler Toledo Retirement Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of the modified cash basis of accounting.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with the modified cash basis of accounting.

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

Other Matters - Supplemental Schedules Required by ERISA

The supplemental schedule of assets (held at year end) (modified cash basis) as of December 31, 2023 and the supplemental schedule of reportable transactions (modified cash basis) for the year ended December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements but are 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 included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit 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. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedules (modified cash basis), other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules (modified cash basis) related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Clark, Schaefer, Hackett & Co.

Columbus, Ohio
October 11, 2024

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Schedule SB, line 26a—Schedule of Active Participant Data as of January 1, 2023

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39										
40-44		8								
45-49	2	20	4	1						
50-54	1	27	22	2						
55-59	1	27	23	20	4					
60-64	4	28	16	17	28	11	1			
65-69		11	6	3	1	5	1			
70+		1			1					

N-296

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

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

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2022), each adjusted as needed to fall within the 25-year interest rate stabilization corridor under ARPA.
1st Segment Rate	4.75%
2nd Segment Rate	5.00%
3rd Segment Rate	5.74%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2022), without regard to interest rate stabilization.
1st Segment Rate	1.41%
2nd Segment Rate	3.09%
3rd Segment Rate	3.58%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Normal Retirement Age (typically age 65)
Mortality Rates	
Healthy and Disabled	2023 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2022-22
Withdrawal Rates	See Table 2
Disability Rates	See Table 3
Decrement Timing	Middle of year decrements (except that retirement is assumed to occur at the beginning of the year for ages where the assumed retirement rate is 100%)
Surviving Spouse Benefit	It is assumed that 80% of males and 80% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits are limited by the current IRC section 415 maximum benefit of \$265,000.

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Valuation of Plan Assets

Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.

A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).

Expected Return on Assets

2021 Plan Year

5.75%

2022 Plan Year

5.75%

2023 Plan Year

6.75%, limited to third segment rate of 5.74%

Trust Expenses Included in Target Normal Cost

Based on a percentage of assets. This percentage is determined each year as the prior year's actual plan administrative expenses divided by the current year's market value of assets. The percentage for the 2023 valuation is 1.85%.

Actuarial Method

Standard unit credit cost method

Valuation Date

January 1, 2023

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Table 1

Retirement Rates

Age	Rate
55	2.00%
56	2.00%
57	2.00%
58	4.00%
59	4.00%
60	6.00%
61	6.00%
62	10.00%
63	5.00%
64	15.00%
65	25.00%
66	25.00%
67	25.00%
68	25.00%
69	25.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Table 2

Withdrawal Rates

Age	Male	Female	Age	Male	Female
15	18.5357%	25.4738%	45	5.1597%	6.2583%
16	18.2020%	25.4738%	46	4.6735%	5.9778%
17	17.8683%	25.4737%	47	4.5041%	5.6866%
18	17.5346%	25.4736%	48	4.3348%	5.3817%
19	17.2009%	25.4734%	49	4.1654%	5.0640%
20	16.8671%	25.4733%	50	3.9960%	4.7344%
21	16.6723%	25.1119%	51	3.8266%	4.3966%
22	16.4751%	24.7481%	52	3.6573%	4.0568%
23	15.7022%	23.1286%	53	3.4879%	3.2582%
24	14.9267%	21.5065%	54	2.6501%	2.4730%
25	14.1484%	19.8816%	55	1.8334%	1.7083%
26	13.4336%	18.4202%	56	1.0395%	0.9656%
27	12.7087%	16.9488%	57+	0.0000%	0.0000%
28	12.2550%	16.0704%			
29	11.7934%	15.1841%			
30	11.3248%	14.2907%			
31	10.8832%	13.4578%			
32	10.4361%	12.6194%			
33	10.0703%	12.4004%			
34	9.6998%	12.1765%			
35	9.3246%	11.9482%			
36	8.9450%	11.7487%			
37	8.5610%	11.5450%			
38	8.1597%	10.6766%			
39	7.7538%	9.8038%			
40	7.3433%	8.9263%			
41	6.9600%	8.0433%			
42	6.5693%	7.1536%			
43	6.1070%	6.8620%			
44	5.6371%	6.5636%			

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Table 3

Disability Rates

Age	Male	Female	Age	Male	Female
15	0.03%	0.03%	45	0.16%	0.24%
16	0.03%	0.03%	46	0.18%	0.27%
17	0.03%	0.03%	47	0.21%	0.30%
18	0.03%	0.03%	48	0.25%	0.33%
19	0.03%	0.03%	49	0.28%	0.36%
20	0.03%	0.03%	50	0.33%	0.40%
21	0.03%	0.03%	51	0.39%	0.44%
22	0.03%	0.03%	52	0.46%	0.49%
23	0.03%	0.03%	53	0.53%	0.54%
24	0.03%	0.03%	54	0.61%	0.59%
25	0.03%	0.03%	55	0.69%	0.64%
26	0.03%	0.03%	56	0.77%	0.69%
27	0.03%	0.03%	57	0.86%	0.74%
28	0.03%	0.04%	58	0.95%	0.80%
29	0.03%	0.04%	59	1.05%	0.85%
30	0.03%	0.04%	60	1.15%	0.90%
31	0.03%	0.05%	61	1.26%	0.96%
32	0.03%	0.05%	62	1.38%	1.01%
33	0.03%	0.06%	63	1.51%	1.05%
34	0.03%	0.06%	64	1.64%	1.09%
35	0.04%	0.07%	65+	0.00%	0.00%
36	0.04%	0.08%			
37	0.05%	0.09%			
38	0.06%	0.10%			
39	0.07%	0.12%			
40	0.08%	0.13%			
41	0.09%	0.15%			
42	0.10%	0.17%			
43	0.12%	0.19%			
44	0.14%	0.22%			

<div>Form 5500</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Annual Return/Report of Employee Benefit Plan</div> <div>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).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: <div><div>☐ a multiemployer plan</div><div>☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)</div><div>☒ a single-employer plan</div><div>☐ a DFE (specify) _____</div></div>
B	This return/report is: <div><div>☐ the first return/report</div><div>☐ the final return/report</div><div>☐ an amended return/report</div><div>☐ a short plan year return/report (less than 12 months)</div></div>
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: <div><div>☒ Form 5558</div><div>☐ automatic extension</div><div>☐ the DFVC program</div><div>☐ special extension (enter description)</div></div>
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 METTLER TOLEDO RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 049
1c	Effective date of plan 01/01/1988
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) METTLER-TOLEDO, LLC 1900 POLARIS PARKWAY COLUMBUS OH 43240-4035
2b	Employer Identification Number (EIN) 34-1538688
2c	Plan Sponsor's telephone number 614-438-4898
2d	Business code (see instructions) 333310

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		10/11/2024	SHANNON FISHER
	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

Mettler Toledo Retirement Plan
EIN:34-1538688; PN:049
**Schedule H, Line 4(j)- Schedule of Reportable Transactions (Modified Cash Basis)
Year Ended December 31, 2023**

(a)	(b)	(c)	(d)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Expense Incurred with Transaction	Cost of Asset	Current Value of Asset on Transaction	Net Gain (Loss)
<u>Single transactions in excess of 5% of the net plan assets (category (i))</u>							
Northern Trust*	MFB Norther Instl Fds Treasury Portfolio:						
	Sold 5,892,802 shares in a series of 22 transactions	\$ —	\$ 5,892,802	\$ —	\$ 5,892,802	\$ 5,892,802	\$ —
	Purchased 7,327,609 shares in a series of 30 transactions	\$ 7,327,609	\$ —	\$ —	\$ 7,327,609	\$ 7,327,609	\$ —

Series of transactions in excess of 5% of the net plan assets (category (iii))

Northern Trust*	MFB NT Collective S&P500:						
	Sold 301 shares in a series of 9 transactions	\$ —	\$ 4,840,000	\$ —	\$ 2,806,031	\$ 2,806,031	\$2,033,969

* Denotes party-in-interest

Column (e) was excluded as it was not applicable.

There were no reportable category (ii or iv) transactions for year ended December 31, 2023.

Information certified as complete and accurate by The Northern Trust Company, the Trustee of the Plan during 2023.

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

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

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

A Name of plan METTLER TOLEDO RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 049
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF METTLER-TOLEDO, LLC	D Employer Identification Number (EIN) 34-1538688
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month 01 Day 01 Year 2023	
2 Assets:	
a Market value.....	2a 84,893,329
b Actuarial value	2b 93,382,661
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants 1,188 (2) Vested Funding Target 82,251,074 (3) Total Funding Target 82,251,074
b For terminated vested participants.....	272 12,134,774 12,134,774
c For active participants.....	296 12,198,609 12,198,609
d Total	1,756 106,584,457 106,584,457
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions.....	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate.....	5 5.15%
6 Target normal cost	
a Present value of current plan year accruals.....	6a 0
b Expected plan-related expenses	6b 1,566,287
c Target normal cost.....	6c 1,566,287

Statement by Enrolled Actuary

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

SIGN HERE	GREGORY H. REYNOLDS <i>GHR</i>	09/19/2024
	Signature of actuary	Date
GREGORY H. REYNOLDS	Type or print name of actuary	2306401
		Most recent enrollment number
AON CONSULTING, INC.	Firm name	216-430-4748
		Telephone number (including area code)
MSC# 17854 P.O. BOX 7505		
FORT WASHINGTON PA 19034	Address of the firm	

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

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

Schedule SB (Form 5500) 2023
v. 230728

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	7,153,357
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	2,483,165
9	Amount remaining (line 7 minus line 8)	0	4,670,192
10	Interest on line 9 using prior year's actual return of <u>-17.30</u> %	0	-807,943
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.32</u> %		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	3,862,249

Part III Funding Percentages			
14	Funding target attainment percentage	14	83.99 %
15	Adjusted funding target attainment percentage	15	83.99 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	92.52 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
09/12/2024	1,884,000	0			
Totals ►			18(b)	1,884,000	18(c)
					0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years	19a 0
b Contributions made to avoid restrictions adjusted to valuation date.	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.	19c 1,730,122
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No	
c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year	
(1) 1st	(2) 2nd
0	0
(3) 3rd	(4) 4th
0	0

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

21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 4
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	1,566,287	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	17,064,045	1,862,108	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	3,428,395	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	2,402,674	2,402,674
36 Additional cash requirement (line 34 minus line 35)	36	1,025,721	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	1,730,122	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	704,401	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	704,401	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years.....	40	0	

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☒ 2019 ☐ 2020 ☐ 2021
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Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Schedule SB, line 19—Discounted Employer Contributions

Year applied for contributions: 2023

Date	Amount	Days to Discount to 1/1/2023 at 5.15%	Interest Adjusted Contribution
September 12, 2024	\$ 1,884,000	620	\$ 1,730,122

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	2.00%	1.0000	1.11
56.5	2.00%	0.9800	1.11
57.5	2.00%	0.9604	1.10
58.5	4.00%	0.9412	2.20
59.5	4.00%	0.9035	2.15
60.5	6.00%	0.8674	3.15
61.5	6.00%	0.8154	3.01
62.5	10.00%	0.7664	4.79
63.5	5.00%	0.6898	2.19
64.5	15.00%	0.6553	6.34
65.5	25.00%	0.5570	9.12
66.5	25.00%	0.4178	6.95
67.5	25.00%	0.3133	5.29
68.5	25.00%	0.2350	4.02
69.5	25.00%	0.1762	3.06
70	100.00%	0.1322	9.25
Weighted Average			64.84

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Schedule SB, line 26b—Schedule Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2023	88,799	202,929	8,222,103	8,513,831
2024	228,620	346,826	7,994,788	8,570,234
2025	377,065	473,729	7,787,837	8,638,631
2026	508,328	578,816	7,560,988	8,648,132
2027	630,686	682,837	7,314,188	8,627,711
2028	738,851	793,933	7,055,338	8,588,122
2029	832,840	883,420	6,787,834	8,504,094
2030	926,738	942,830	6,507,869	8,377,437
2031	987,129	987,296	6,212,371	8,186,796
2032	1,030,296	1,005,478	5,907,305	7,943,079
2033	1,057,797	1,013,172	5,594,997	7,665,966
2034	1,078,884	1,021,256	5,275,081	7,375,221
2035	1,096,872	1,032,722	4,949,282	7,078,876
2036	1,107,148	1,035,096	4,619,560	6,761,804
2037	1,105,584	1,024,976	4,287,999	6,418,559
2038	1,092,997	1,012,209	3,956,754	6,061,960
2039	1,076,291	991,439	3,628,056	5,695,786
2040	1,053,105	965,209	3,304,205	5,322,519
2041	1,025,449	936,803	2,987,532	4,949,784
2042	990,934	902,732	2,680,325	4,573,991
2043	950,902	865,701	2,384,792	4,201,395
2044	908,038	825,213	2,103,020	3,836,271
2045	860,368	782,366	1,836,957	3,479,691
2046	809,771	737,357	1,588,383	3,135,511
2047	756,563	690,380	1,358,810	2,805,753
2048	701,403	641,722	1,149,405	2,492,530
2049	645,065	591,788	960,948	2,197,801
2050	588,296	541,096	793,749	1,923,141
2051	531,861	490,270	647,600	1,669,731
2052	476,566	440,004	521,791	1,438,361
2053	423,206	391,009	415,165	1,229,380
2054	372,437	343,962	326,197	1,042,596
2055	324,792	299,461	253,123	877,376
2056	280,664	258,007	194,060	732,731
2057	240,310	219,969	147,080	607,359
2058	203,870	185,580	110,298	499,748
2059	171,373	154,935	81,936	408,244
2060	142,741	127,998	60,378	331,117
2061	117,805	104,632	44,207	266,644
2062	96,329	84,627	32,220	213,176
2063	78,039	67,714	23,424	169,177
2064	62,629	53,593	17,024	133,246
2065	49,782	41,948	12,396	104,126
2066	39,183	32,458	9,063	80,704

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2067	30,526	24,817	6,666	62,009
2068	23,525	18,739	4,938	47,202
2069	17,924	13,963	3,686	35,573
2070	13,494	10,260	2,770	26,524
2071	10,030	7,428	2,094	19,552
2072	7,357	5,293	1,588	14,238



CLARK SCHAEFER HACKETT
BUSINESS ADVISORS

METTLER TOLEDO RETIREMENT PLAN

Financial Statements and Supplemental Schedules

December 31, 2023 and 2022

with Independent Auditors' Report

METTLER TOLEDO RETIREMENT PLAN
INDEX TO FINANCIAL STATEMENTS & SUPPLEMENTAL SCHEDULES

Table of Contents	Page
<u>Independent Auditors' Report</u>	<u>1</u>
Annual Financial Statements:	
<u>Statements of Net Assets Available for Benefits (Modified Cash Basis) as of December 31, 2023 and 2022</u>	<u>5</u>
<u>Statements of Changes in Net Assets Available for Benefits (Modified Cash Basis) for the years ended December 31, 2023 and 2022</u>	<u>6</u>
<u>Notes to the Financial Statements</u>	<u>7-12</u>
Supplemental Schedules:	
<u>Schedule of Assets (Held at End of Year) (Modified Cash Basis) as of December 31, 2023</u>	<u>13</u>
<u>Schedule of Reportable Transactions (Modified Cash Basis) for the year ended December 31, 2023</u>	<u>14</u>

INDEPENDENT AUDITORS' REPORT

To the Participants and Plan Administrator of
Mettler Toledo Retirement Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the financial statements of the Mettler Toledo Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits (modified cash basis) as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits (modified cash basis) for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the 2023 Financial Statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2023 and 2022, stating that the certified investment information, as described in Note 8 to the financial statements, is complete and accurate.

Opinion

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

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with the modified cash basis of accounting as described in Note 2.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Emphasis of Matter - Basis of Accounting

We draw attention to Note 2 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to that matter.

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 Auditors' 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 ERISA Section 103(a)(3)(C) 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 the modified cash basis of accounting, as described in Note 2, and for determining that the modified cash basis of accounting is an acceptable basis for the preparation of these financial statements in the circumstances. Management is also responsible 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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 available to be 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.

Auditors' Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) section of our report, 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 auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the 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 the Mettler Toledo Retirement 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 the Mettler Toledo Retirement Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of the modified cash basis of accounting.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with the modified cash basis of accounting.

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

Other Matters - Supplemental Schedules Required by ERISA

The supplemental schedule of assets (held at year end) (modified cash basis) as of December 31, 2023 and the supplemental schedule of reportable transactions (modified cash basis) for the year ended December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements but are 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 included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit 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. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedules (modified cash basis), other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules (modified cash basis) related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Clark, Schaefer, Hackett & Co.

Columbus, Ohio
October 11, 2024

Mettler Toledo Retirement Plan
Statements of Net Assets Available for Benefits (Modified Cash Basis)
As of December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Assets		
Investments, at fair value:		
Cash and cash equivalents	\$ 1,435,065	\$ 1,331,962
Equity mutual funds:		
U.S.	28,037,331	27,653,980
International	12,715,974	12,653,563
Emerging markets	6,443,893	5,937,979
Fixed income mutual funds:		
Core bonds	26,327,968	25,600,829
Other types of investments:		
Multi-strategy fund of hedge funds	7,188,008	7,340,353
Global allocation funds	4,326,487	4,369,822
Total investments	<u>86,474,726</u>	<u>84,888,488</u>
Interest receivable	<u>3,711</u>	<u>4,831</u>
Net assets available for benefits	<u><u>\$ 86,478,437</u></u>	<u><u>\$ 84,893,319</u></u>

See accompanying notes to the financial statements.

Mettler Toledo Retirement Plan
Statements of Changes in Net Assets Available for Benefits (Modified Cash Basis)
For the Years Ended December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Additions:		
Interest and dividends	\$ 448,406	\$ 526,296
Net (depreciation) appreciation in fair value of investments:		
Equity mutual funds:		
U.S.	6,163,145	(8,770,325)
International	1,857,492	(3,486,847)
Emerging markets	505,914	(1,773,318)
Fixed income mutual funds:		
Core bonds	1,851,188	(3,684,737)
Other types of investments:		
Multi-strategy fund of hedge funds	547,655	(575,178)
Global allocation funds	203,257	(933,794)
	<u>11,128,651</u>	<u>(19,224,199)</u>
	<u>11,577,057</u>	<u>(18,697,903)</u>
Deductions:		
Benefit payments	8,359,308	8,319,054
Administrative expenses	1,632,631	1,598,277
	<u>9,991,939</u>	<u>9,917,331</u>
Net change in net assets available for benefits	1,585,118	(28,615,234)
Net assets available for benefits, beginning of year	84,893,319	113,508,553
Net assets available for benefits, end of year	<u>\$ 86,478,437</u>	<u>\$ 84,893,319</u>

See accompanying notes to the financial statements.

Mettler Toledo Retirement Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

1. Description of Plan

The following description of the Mettler Toledo Retirement 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 qualified noncontributory defined benefit plan, covering all salaried employees and all non-bargaining hourly employees of Mettler-Toledo, Inc. as of December 31, 1996. The Plan is the successor plan by acquisition from Ciba-Geigy AG (Ciba) in October 1996, and merger of the Mettler Toledo Replacement Plan in December 2001. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended. Effective April 30, 2002, the Plan was frozen for all participants. Participants who were actively employed by the Plan Sponsor on this date with at least 1,000 hours of service were automatically vested. Employees will not accrue additional benefits after this date. The benefits earned through this date will be paid to participants in accordance with the terms of the Plan.

Mettler-Toledo, LLC (a wholly-owned subsidiary of Mettler-Toledo International, Inc.), and formerly known as Mettler-Toledo, Inc., is both the Plan Sponsor and Administrator and is responsible for keeping accurate and complete records with regard to the Plan, informing participants of changes or amendments to the Plan, and ensuring that the Plan conforms to applicable laws and regulations.

Pension Benefits

At normal retirement age (65), the monthly pension benefits, if any, earned by the participant as of April 30, 2002 are computed as the sum of the following:

- The monthly benefit, if any, earned by the participant as of December 31, 1994 under an updated prior plan formula (as defined); and
- One-twelfth of the sum of the annual accrual units earned by the participant for each of the years 1995 through April 30, 2002 in which the participant has earned benefit service (as defined).

The annual accrual unit is equal to 2% of annual compensation less 0.6% of the lesser of annual compensation or social security compensation (as defined).

The Plan permits early retirement at ages 55-64 (with 10 years of continuous service). Employees may elect to receive their pension benefits in one of several optional forms.

Death and Disability Benefits

Active participants eligible for a vested benefit, and vested terminated participants, are covered under a pre-retirement surviving spouse's benefit. Under this coverage, if the participant dies prior to retirement, the participant's spouse will receive one-half of the benefit the participant would have received had the participant terminated on the day of their death and elected to receive benefits, on a 50% joint-survivor basis, on their earliest retirement date. Upon permanent and total disability after completing 10 or more years of continuous service, a participant is entitled to receive retirement benefits in accordance with the Plan's policies.

Mettler Toledo Retirement Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

2. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying financial statements have been prepared on the modified cash basis of accounting, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America (U.S. GAAP). The principal differences between the modified cash basis and U.S. GAAP are that contributions are recognized when received and administrative expenses are recognized when paid.

Investment Valuation and Income Recognition

Under terms of an agreement between the Trustee and the Plan Sponsor, the Trustee maintained certain assets of the Plan and paid benefits and administrative expenses for the Plan. Shares of cash equivalents and certain mutual funds are traded in active markets and are valued at a daily net asset value, equal to its fair value. Other mutual funds represent private placement funds that are valued based on the fair value of the underlying securities in the fund, as determined by the fund trustee, which represents the net asset value of the units held by the Plan at the end of the year. Hedge funds are valued at the net asset value of shares held by the fund at the end of the year.

Purchases and sales of securities are recorded on a trade-date basis. Dividend and interest income are recorded when earned.

Contributions

Employer contributions are recognized when received.

Benefit Payments

Benefit payments are recognized when paid.

Administrative Expenses

Administrative expenses, including fees for the Trustee, Pension Benefit Guaranty Corporation (PBGC) premiums and consulting services, are recognized when paid from plan assets. Certain administrative expenses are paid by the Plan Sponsor and are not included in these financial statements.

Use of Estimates

The preparation of financial statements in conformity with a modified cash basis of accounting, which is a comprehensive basis of accounting other than U.S. GAAP, requires the Plan Administrator to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various combinations of mutual funds and other investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and those such changes could materially affect the amounts reported in the statements of net assets available for benefits.

Mettler Toledo Retirement Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

Subsequent Events

Subsequent events have been evaluated for recognition and disclosure through the date the financial statements were available to be issued, October 11, 2024.

3. Obligation for Plan Benefits

Employer contributions are based upon amounts required to be funded to comply with the minimum funding requirements of ERISA. All minimum funding requirements were met in 2023 and 2022.

4. Plan Termination

Although it has not expressed any intent to do so, the Plan Sponsor has the right under the Plan to terminate the Plan subject to the provisions of ERISA.

In the event the Plan terminates, the net assets of the Plan are to be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

- Benefits to participants who began receiving benefits at least three years before the Plan's termination, based on plan provisions in effect five years prior to such termination;
- Vested benefits of all other participants which are guaranteed by the Pension Benefit Guaranty Corporation (PBGC) on the basis of the Plan as in effect at the beginning of the five-year period ending on the date of termination;
- Insured vested benefits resulting from amendments made within the five-year period ending on the date of termination;
- Vested benefits which were limited due to the ceiling on the amount guaranteed by the PBGC; and
- All other benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the level of benefits guaranteed by the PBGC.

In the event that the Plan's net assets at the time of termination are in excess of those required to provide all accrued benefits, such excess shall revert to the Plan Sponsor.

5. Actuarial Present Value of Accumulated Plan Benefits

The actuarial present value of accumulated plan benefits is determined by the plan actuary and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment between the valuation date and the expected date of payment.

Mettler Toledo Retirement Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

Significant assumptions underlying the January 1, 2023 valuation included:

Actuarial method	Unit credit cost method
Rate of return	6.75% (previously 5.75%) per annum, compounded annually
Mortality	Amounts-weighted retiree and contingent survivor rates (healthy) and disabled retiree rates (disabled) from the Pri-2012 mortality study. Mortality rates projected generationally from 2012 using scale MP-2021.
Retirement age	Ages 55 to 69 based on expected retirement rates.

The actuarial present value of accumulated plan benefits as of January 1, 2023 was as follows:

Participants currently receiving benefits	\$ 72,409,315
Other participants	20,294,227
Total vested benefits	<u>\$ 92,703,542</u>

The actuarial present value of accumulated plan benefits increased due to the following:

Actuarial present value of accumulated plan benefits as of January 1, 2022	<u>\$ 103,140,698</u>
Increase (decrease) during the year attributable to:	
Interest accumulation	5,694,760
Benefits paid	(8,319,054)
Assumption changes	(7,773,687)
Other changes	(39,175)
	<u>(10,437,156)</u>
Actuarial present value of accumulated plan benefits as of January 1, 2023	<u>\$ 92,703,542</u>

6. Federal Income Taxes

The Plan obtained its latest determination letter on January 21, 2015 in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan Administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC, and therefore believe that the plan is qualified and the related trust is tax-exempt.

7. Transactions with Parties-in-Interest

Transactions involving the Plan's investments are managed by The Northern Trust Company, the Trustee, and qualify as party-in-interest transactions.

8. Information Certified by the Plan's Trustee

The Plan Administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, the Plan Administrator has received certification from the Trustee that the following data included in the accompanying financial statements and supplemental schedule is complete and accurate:

- Investments, as shown in the statements of net assets available for benefits (modified cash basis) as of December 31, 2023 and 2022, and the schedule of assets (held at end of year) (modified cash basis) as of December 31, 2023.

Mettler Toledo Retirement Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

- Interest and dividends and net appreciation (depreciation) in fair value of investments, as shown in the statements of changes in net assets available for benefits (modified cash basis) for the years ended December 31, 2023 and 2022.

As permitted by the election noted above, the Plan's independent auditors did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the accompanying financial statements.

9. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. A fair value measurement consists of observable and unobservable inputs that reflect the assumptions that a market participant would use in pricing an asset or liability.

A fair value hierarchy has been established that categorizes these inputs into three levels:

Level 1: Quoted prices in active markets for identical assets and liabilities

Level 2: Observable inputs other than quoted prices in active markets for identical assets and liabilities

Level 3: Unobservable inputs

As of December 31, 2023 and 2022, the Plan had assets with a fair value of \$86.5 million and \$84.9 million, respectively. These assets consist of cash and cash equivalent money market funds, fixed income mutual funds, global allocation, domestic, and international equity mutual funds, and funds of hedge funds. The cash and cash equivalents are valued at cost, which approximates fair value. The Plan invests in mutual funds in active markets that produce a daily net asset value (NAV) equal to its fair value at year-end. Certain of these mutual funds represent private placement funds that are valued based on the fair value of the underlying securities in the fund, as determined by the fund trustee, which represents the net asset value of the units held by the Plan at the end of the year. Funds of hedge funds are valued at the net asset value of shares held by the fund at the end of the year. The funds of hedge funds represent primarily equity investments to profit from long and short equity positions, economic and government driven events and relative value and tactical trading strategies. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on fair value of the underlying investments held by the fund less its liabilities. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported NAV. There are no unfunded commitments related to the private placement funds or the funds of hedge funds. Certain funds at the hedge funds do have limitations on redemption frequency. The fund managers' objectives for the private placement funds and funds of hedge funds is to maximize returns or achieve growth by investing in certain investment types or to match earnings of certain indices. Realized investment gains and losses for the years ended December 31, 2023 and 2022, as well as unrealized gains and losses related to assets held at December 31, 2023 and 2022, are reported in net appreciation (depreciation) in fair value of investments in the statements of changes in net assets available for benefits (modified cash basis).

Mettler Toledo Retirement Plan
Notes to the Financial Statements
For the Years Ended December 31, 2023 and 2022

The following tables present, for each of these hierarchy levels, the Plan assets that are measured at fair value on a recurring basis at December 31, 2023 and 2022:

December 31, 2023				
	Total	Level 1	Level 2	Level 3
Assets:				
Cash and cash equivalents	\$ 1,435,065	\$ 1,435,065	\$ —	\$ —
Equity mutual funds	40,753,305	18,547,293	22,206,012	—
Fixed income mutual funds	26,327,968	—	26,327,968	—
Other types of investments:				
Global allocation funds	4,326,487	4,326,487	—	—
Total assets in the fair value hierarchy	\$ 72,842,825	\$ 24,308,845	\$ 48,533,980	\$ —
Investments measured at net asset value ^(a)	13,631,901	—	—	—
Investments at fair value	<u>\$ 86,474,726</u>	<u>\$ 24,308,845</u>	<u>\$ 48,533,980</u>	<u>\$ —</u>
December 31, 2022				
	Total	Level 1	Level 2	Level 3
Assets:				
Cash and cash equivalents	\$ 1,331,962	\$ 1,331,962	\$ —	\$ —
Equity mutual funds	40,307,543	18,406,360	21,901,183	—
Fixed income mutual funds	25,600,829	—	25,600,829	—
Other types of investments:				
Global allocation funds	4,369,822	4,369,822	—	—
Total assets in the fair value hierarchy	\$ 71,610,156	\$ 24,108,144	\$ 47,502,012	\$ —
Investments measured at net asset value ^(a)	13,278,332	—	—	—
Investments at fair value	<u>\$ 84,888,488</u>	<u>\$ 24,108,144</u>	<u>\$ 47,502,012</u>	<u>\$ —</u>

(a) Investments that are measured using the net asset value per share practical expedient have not been categorized in the fair value hierarchy. The amounts presented above are intended to permit reconciliation of the fair value hierarchy to the fair value of total plan assets in order to determine the amounts included in the Statement of Net Assets Available for Benefits.

Mettler Toledo Retirement Plan
EIN:34-1538688; PN:049
**Schedule H, Line 4(i)- Schedule of Assets (Held at End of Year) (Modified Cash Basis)
As of December 31, 2023**

(a)	(b)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor, or Similar Party		Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost	Fair Value
*	MFB Norther Instl Fds Treasury Portfolio	Cash and Cash Equivalents	\$ 1,435,065	\$ 1,435,065
	MFO RMB Invs TR SMID CAP FS CL I RMB	Equity Mutual Funds - US	5,523,994	5,831,319
*	MFB NT Collective S&P 500	Equity Mutual Funds - US	11,425,841	22,206,012
	MFO Fidelity Intl Indx-Inst PRM	Equity Mutual Funds - International	5,487,020	6,816,447
	MFO Investment Managers SER TR WCM	Equity Mutual Funds - International	5,373,011	5,899,527
	City of London Investment Management Company Limited	Equity Mutual Funds - Emerging Markets	5,017,480	6,443,893
			32,827,346	47,197,198
*	MFB NT Collective Aggregate Bond Index Fund Non-Lending	Fixed Income - Core Bonds	13,682,501	13,795,488
	Loomis Sayles New Hampshire Investment Trust	Fixed Income - Core Bonds	4,430,813	6,379,789
	LGIMA Long Duration Credit	Fixed Income - Core Bonds	5,600,000	6,152,691
			23,713,314	26,327,968
	Grosvenor Institutional Partners	Multi-Strategy Fund of Hedge Funds	3,460,161	7,188,008
			3,460,161	7,188,008
	PIMCO All Asset Fund	Global Allocation Funds	4,654,220	4,326,487
			4,654,220	4,326,487
	Total Investments (Held at End of Year)		\$ 66,090,106	\$ 86,474,726
*	Denotes party-in-interest			
	Information certified as complete and accurate by The Northern Trust Company, the Trustee of the Plan.			

Mettler Toledo Retirement Plan
EIN:34-1538688; PN:049
**Schedule H, Line 4(j)- Schedule of Reportable Transactions (Modified Cash Basis)
Year Ended December 31, 2023**

(a)	(b)	(c)	(d)	(f)	(g)	(h)	(i)
Identity of Party Involved	Description of Asset	Purchase Price	Selling Price	Expense Incurred with Transaction	Cost of Asset	Current Value of Asset on Transaction	Net Gain (Loss)
<u>Single transactions in excess of 5% of the net plan assets (category (i))</u>							
Northern Trust*	MFB Norther Instl Fds Treasury Portfolio:						
	Sold 5,892,802 shares in a series of 22 transactions	\$ —	\$ 5,892,802	\$ —	\$ 5,892,802	\$ 5,892,802	\$ —
	Purchased 7,327,609 shares in a series of 30 transactions	\$ 7,327,609	\$ —	\$ —	\$ 7,327,609	\$ 7,327,609	\$ —

Series of transactions in excess of 5% of the net plan assets (category (iii))

Northern Trust*	MFB NT Collective S&P500:						
	Sold 301 shares in a series of 9 transactions	\$ —	\$ 4,840,000	\$ —	\$ 2,806,031	\$ 2,806,031	\$2,033,969

* Denotes party-in-interest

Column (e) was excluded as it was not applicable.

There were no reportable category (ii or iv) transactions for year ended December 31, 2023.

Information certified as complete and accurate by The Northern Trust Company, the Trustee of the Plan during 2023.



Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Schedule SB, Part V—Summary of Plan Provisions

Effective Date	January 1, 1988. Amended and restated effective January 1, 2008.
History	The plan is effective January 1, 1988 following a spinoff from the Reliance Electric Company Retirement Plan amended and restated effective January 1, 1995. The plan was further amended effective December 31, 1996 to split the plan into two plans. The Retirement Plan covered benefits accrued through December 31, 1996 and the Replacement Plan covered benefits accrued thereafter. Effective December 31, 2001, the Retirement and Replacement Plans were merged back into one plan. Effective April 30, 2002, all benefits accrued under the plan were frozen.
Participant Eligibility	One year of vesting service.
Normal Retirement Eligibility	Age 65.
Benefit	<p>The monthly benefit, if any, earned by the participant is computed as the sum of the following:</p> <ol style="list-style-type: none">(1) The monthly benefit, if any, earned by the participant as of December 31, 1994 under an updated prior plan formula; and(2) One-twelfth of the sum of the annual accrual units earned by the participant for each of the plan years in which the participant has earned benefit service. <p>The annual accrual unit is equal to the difference between (1) and (2), below:</p> <ol style="list-style-type: none">(1) 2.0% of the participant's annual compensation for the plan year.(2) 0.6% of the lesser of:<ol style="list-style-type: none">(a) The participant's annual compensation for the plan year.(b) Covered compensation for the plan year.

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Early Retirement
Eligibility

Age 55 and 10 years of vesting service.

Benefit

Accrued normal retirement benefit reduced for benefit commencement prior to age 65.

Age at Benefit Commencement	Percentage of Benefit Payable
65+	100%
64	94%
63	88%
62	82%
61	76%
60	70%
59	67%
58	64%
57	61%
56	57%
55	52%

Disability Retirement
Eligibility

Total and permanent disability and 10 years of vesting service.

Benefit

The normal retirement benefit payable at age 65. if eligible for early retirement, benefit is reduced for early receipt according to the table applicable for early retirement.

The disabled participant will continue to earn benefit service and annual accrual units until benefit commencement. Annual compensation is assumed to continue in the same amount as the last full year before disability, or year of disability if greater.

Deferred Vested Retirement
Eligibility

Five years of vesting service.

Benefit

Accrued normal retirement benefit payable at age 65. if eligible for early retirement, benefit is reduced for early receipt according to the table applicable for early retirement.

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Preretirement Death
Eligibility

Any participant eligible for a deferred vested retirement benefit and married at least one year.

Benefit

50% of the participant's accrued benefit reduced for both 50% joint and survivor form and early receipt and payable to the surviving spouse at the participant's earliest retirement age.

Definitions

Benefit Service

The number of plan years during which a participant completes at least 1,000 hours of service. However, no further benefit service will be earned after April 30, 2002.

Vesting Service

Each 12-month period beginning with the day of the year on which the employee commenced employment, and each anniversary thereof, in which he is credited with 1,000 or more hours.

Annual Compensation

Wages for the calendar year ending within the plan year, reduced by reimbursements or other expense allowances, fringe benefits, moving expenses, deferred compensation, and welfare benefits but including amounts contributed pursuant to salary reduction agreements to plans described in sections 125, 402(e)(3), 402(h)(1)(B) and 403(b) of the Internal Revenue Code. In no event shall the amount of annual compensation taken into account under the plan exceed the adjusted annual limit permitted under section 401(a)(17) of the Internal Revenue Code for the given plan year.

Covered Compensation

The average of the maximum Social Security taxable wage bases for each of the 35 calendar years up to and including the plan year in question.

Updated Prior Plan Formula

The formula for benefit accrual for participants under the Mettler Toledo Retirement Plan, the Reliance Electric Company Plan or the Mettler Instrument Corporation Retirement Plan on December 31, 1994 as appropriate.

Actuarial Equivalence

The actuarial equivalence is based on the 1983 group annuity mortality table weighted 50% male and 50% female and an interest rate of 8.50%. The actuarial equivalence for lump sum payments is based on the applicable IRC section 417(e) mortality table and interest based on three-segment yield curve.

Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Forms of Payment

The normal form of payment is a 50% joint and survivor, if married and life annuity, if single. The optional forms of payment include life annuity, 50% joint and survivor, 75% joint and survivor, 100% joint and survivor, 10-year certain and life, and the Social Security option. The benefit is paid immediately as a lump sum if the actuarial equivalent of the age-65 monthly retirement benefit payable as a life annuity is less than \$5,000.

Plan Year

Calendar year.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Mettler Toledo Retirement Plan
EIN:34-1538688; PN:049
**Schedule H, Line 4(i)- Schedule of Assets (Held at End of Year) (Modified Cash Basis)
As of December 31, 2023**

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Schedule SB Attachment (Form 5500)—2023 Plan Year
Mettler Toledo Retirement Plan
EIN: 34-1538688 PN: 049

Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	\$ 16,074,521	January 1, 2019	11	\$ 1,838,680
Shortfall	\$ (3,146,041)	January 1, 2020	12	\$ (337,301)
Shortfall	\$ 1,220,252	January 1, 2021	13	\$ 123,458
Shortfall	\$ (6,690,445)	January 1, 2022	14	\$ (642,431)
Shortfall	\$ (9,605,758)	January 1, 2023	15	\$ (879,702)