Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

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

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

OMB Nos. 1210-0110
1210-0089

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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

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

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

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

Part II Basic Plan Information—enter all requested information

1a Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

1b Three-digit plan number (PN) ▶ 078

1c Effective date of plan 10/01/1984

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)
AMETEK, INC.

1100 CASSATT RD.
BERWYN, PA 19312

2b Employer Identification Number (EIN)
14-1682544

2c Plan Sponsor's telephone number
610-647-2121

2d Business code (see instructions)
339900

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.	07/30/2019	ELIZABETH CALLAHAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	07/30/2019	ELIZABETH CALLAHAN
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a	Plan administrator's name and address [X] Same as Plan Sponsor	**3b**	Administrator's EIN
		3c	Administrator's telephone number
4	If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:	**4b**	EIN
a	Sponsor's name	**4d**	PN
c	Plan Name		

5	Total number of participants at the beginning of the plan year	**5**	9909
6	Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1)	Total number of active participants at the beginning of the plan year	**6a(1)**	7405
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	8328
b	Retired or separated participants receiving benefits	**6b**	142
c	Other retired or separated participants entitled to future benefits	**6c**	2432
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	10902
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	53
f	Total. Add lines **6d** and **6e**.	**6f**	10955
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	10154
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	130
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:

2A 2E 2F 2G 2J 2K 2S 2T 3H

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

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

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

a Pension Schedules

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

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance Information

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

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

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

B Three-digit plan number (PN) ▶ 078

C Plan sponsor's name as shown on line 2a of Form 5500
AMETEK, INC.

D Employer Identification Number (EIN)
14-1682544

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

1 Coverage Information:

(a) Name of insurance carrier
GENWORTH LIFE AND ANNUITY COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	**(g)** To
54-0596414	63401	P4160049	10	01/01/2018	12/31/2018

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

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	0

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶ RATES AS ESTABLISHED BY CARRIER

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

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

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ [ ]

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

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

b	Balance at the end of the previous year		7b	
c	Additions: (1) Contributions deposited during the year	7c(1)		
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)		
	(4) Transferred from separate account	7c(4)		
	(5) Other (specify below) ▶	7c(5)		
	(6) Total additions		7c(6)	
d	Total of balance and additions (add lines **7b** and **7c(6)**)		7d	
e	Deductions:			
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)		
	(2) Administration charge made by carrier	7e(2)		
	(3) Transferred to separate account	7e(3)		
	(4) Other (specify below) ▶	7e(4)		
	(5) Total deductions		7e(5)	
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)		7f	

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.			**10b**	

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance Information

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

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

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

B Three-digit plan number (PN) ▶ 078

C Plan sponsor's name as shown on line 2a of Form 5500
AMETEK, INC.

D Employer Identification Number (EIN)
14-1682544

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

1 Coverage Information:

(a) Name of insurance carrier
VOYA RETIREMENT INSURANCE & ANNUITY COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	**(g)** To
71-0294708	62403	627071	10154	01/01/2018	12/31/2018

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

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end	**4**	
5	Current value of plan's interest under this contract in separate accounts at year end	**5**	17401643

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

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

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b	Balance at the end of the previous year			**7b**	
c	Additions: (1) Contributions deposited during the year	**7c(1)**			
	(2) Dividends and credits	**7c(2)**			
	(3) Interest credited during the year	**7c(3)**			
	(4) Transferred from separate account	**7c(4)**			
	(5) Other (specify below)	**7c(5)**			
	▶				
	(6) Total additions			**7c(6)**	
d	Total of balance and additions (add lines **7b** and **7c(6)**).			**7d**	
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**			
	(2) Administration charge made by carrier	**7e(2)**			
	(3) Transferred to separate account	**7e(3)**			
	(4) Other (specify below)	**7e(4)**			
	▶				
	(5) Total deductions			**7e(5)**	
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.			**10b**	

Part IV Provision of Information

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

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

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2018** **This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

B Three-digit plan number (PN) ▶ 078

C Plan sponsor's name as shown on line 2a of Form 5500
AMETEK, INC.

D Employer Identification Number (EIN)
14-1682544

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). . . . . [X] 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

VOYA INSTITUTIONAL PLAN SERVICES

04-3516284

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

THE VANGUARD GROUP, INC.

23-1945930

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

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

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

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

VOYA INSTITUTIONAL PLAN SERVICES

04-3516284

(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?
30 37 49 99	RECORDKEEPING	247981	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

THE VANGUARD GROUP, INC.

23-1945930

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 16 25 37 52	NONE	52561	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] 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 [ ]

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)

(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 ☐

(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
THE VANGUARD GROUP, INC.	99	0

(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.
VIRTUS INVESTMENT PARTNERS 23-2867183	25 BPS

(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 D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

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

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

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

B Three-digit plan number (PN) ▶ 078

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
AMETEK, INC.

D Employer Identification Number (EIN)
14-1682544

Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)

(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2015 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083984-001	C	17251981

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2020 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083982-001	C	59572686

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2025 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083980-001	C	97560659

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2030 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083978-001	C	64624417

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2035 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083976-001	C	43666437

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2040 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083974-001	C	27796081

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2045 TR

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
90-6083972-001	C	17989974

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2050 TR		
b Name of sponsor of entity listed in (a): VANGUARD		
c EIN-PN 90-6083970-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 13981793
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2055 TR		
b Name of sponsor of entity listed in (a): VANGUARD		
c EIN-PN 27-6715091-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7315193
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2060 TR		
b Name of sponsor of entity listed in (a): VANGUARD		
c EIN-PN 45-3799419-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2847406
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT 2065 TR		
b Name of sponsor of entity listed in (a): VANGUARD		
c EIN-PN 82-6194314-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 173423
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RETIREMENT INCOME T		
b Name of sponsor of entity listed in (a): VANGUARD		
c EIN-PN 90-6083967-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 15259297
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD RETIREMENT SAVINGS TRUST I		
b Name of sponsor of entity listed in (a): VANGUARD		
c EIN-PN 61-6451184-025	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 112344994
a Name of MTIA, CCT, PSA, or 103-12 IE: WELLS FARGO STABLE VALUE FUND F		
b Name of sponsor of entity listed in (a): WELLS FARGO		
c EIN-PN 52-2250957-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 797498
a Name of MTIA, CCT, PSA, or 103-12 IE: GOVERNMENT SECURITIES FUND SEPARATE		
b Name of sponsor of entity listed in (a): VOYA RETIREMENT INSURANCE & ANNUITY COMPANY		
c EIN-PN 71-0294708-001	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 17401643
a Name of MTIA, CCT, PSA, or 103-12 IE: AMETEK, INC. MASTER TRUST		
b Name of sponsor of entity listed in (a): AMETEK, INC.		
c EIN-PN 14-1682544-079	**d** Entity code M	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 85216636
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

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

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

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

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

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

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

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

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

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

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

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

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

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

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

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

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

B Three-digit plan number (PN) ▶ 078

C Plan sponsor's name as shown on line 2a of Form 5500
AMETEK, INC.

D Employer Identification Number (EIN)
14-1682544

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)	435172	491331
(2) Participant contributions	1b(2)	730245	788986
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	18468292	18292146
(9) Value of interest in common/collective trusts	1c(9)	394820593	481181839
(10) Value of interest in pooled separate accounts	1c(10)	0	17401643
(11) Value of interest in master trust investment accounts	1c(11)	97386295	85216636
(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)	684154729	509192405
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)		
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	1195995326	1112564986
	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 through1j)	1k	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	1195995326	1112564986

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)	27618661	
	(B) Participants	2a(1)(B)	48387732	
	(C) Others (including rollovers)	2a(1)(C)	6861573	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		82867966
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)	893647	
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		893647
	(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)	37977158	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		37977158
	(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)		0
	(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)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-22570071
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		52629
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-4889175
(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)		-59729066
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		34603088
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	140758700	
(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)		140758700
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	304008	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		304008
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		141062708
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-106459620
l Transfers of assets:			
(1) To this plan	2l(1)		23029280
(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) [X] Unqualified **(2)** [ ] Qualified **(3)** [ ] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [ ] Yes [X] No

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

(1) Name: ERNST & YOUNG LLP **(2)** EIN: 34-6565596

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

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

Part IV Compliance Questions

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

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

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

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

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

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year_____. (See instructions.)

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

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

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

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
THE AMETEK RETIREMENT AND SAVINGS PLAN

B Three-digit plan number (PN) ▶ 078

C Plan sponsor's name as shown on line 2a of Form 5500
AMETEK, INC.

D Employer Identification Number (EIN)
14-1682544

Part I Distributions

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

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

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): 04-1867445 23-2186884

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

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

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

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

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

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

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

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

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

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

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

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

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

Part III Amendments

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

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

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

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

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

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

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

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

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

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

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

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

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

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

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

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

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

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

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Building a better working world

Report of Independent Auditors

To the Plan Participants, Plan Administrator and Savings and Investment Committee of The AMETEK Retirement and Savings Plan

We have audited the accompanying financial statements of The AMETEK Retirement and Savings Plan, which comprise the statements of assets available for benefits as of December 31, 2018 and 2017, and the related statements of changes in assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the assets available for benefits of The AMETEK Retirement and Savings Plan at December 31, 2018 and 2017, and the changes in its assets available for benefits for the years then ended, in conformity with U.S. generally accepted accounting principles.

Supplemental Schedule

Building a better working world

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2018, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Ernst & Young LLP

June 28, 2019

The AMETEK Retirement and Savings Plan

Financial Statements and Supplemental Schedule

Years Ended December 31, 2018 and 2017

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Plan Participants, Plan Administrator and Savings and Investment Committee of The AMETEK Retirement and Savings Plan

Opinion on the Financial Statements

We have audited the accompanying statements of assets available for benefits of The AMETEK Retirement and Savings Plan (the Plan) as of December 31, 2018 and 2017, and the related statements of changes in assets available for benefits for the years then ended, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the assets available for benefits of the Plan at December 31, 2018 and 2017, and the changes in its assets available for benefits for the years then ended, in conformity with U.S. generally accepted accounting principles.

Basis for Opinion

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

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

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

Supplemental Schedule

The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2018, has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The information in the supplemental schedule is the responsibility of the Plan's management. Our audit procedures included determining whether the information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental schedule. In forming our opinion on the information, we evaluated whether such information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ ERNST & YOUNG LLP

We have served as the Plan's auditor since at least 1994, but we are unable to determine the specific year.

Philadelphia, Pennsylvania
June 28, 2019

The AMETEK Retirement and Savings Plan

Statements of Assets Available for Benefits

	December 31,	
	2018	**2017**
Assets:		
Investments	**$ 1,007,775,887**	$ 1,078,975,321
Plan interest in the AMETEK, Inc. Master Trust	**85,216,636**	97,386,295
Total investments, at fair value	**1,092,992,523**	1,176,361,616
Receivables:		
Employer contributions	**491,331**	435,172
Participant contributions	**788,986**	730,246
Notes receivable from participants	**18,403,684**	18,579,830
Total receivables	**19,684,001**	19,745,248
Assets available for benefits	**$ 1,112,676,524**	$ 1,196,106,864

See accompanying notes.

The AMETEK Retirement and Savings Plan

Statements of Changes in Assets Available for Benefits

	Year Ended December 31,	
	2018	**2017**
Additions:		
Contributions:		
Employer	**$ 27,618,661**	$ 22,659,591
Participant	**48,387,732**	41,833,851
Participant rollovers	**6,861,573**	11,730,082
	82,867,966	76,223,524
Investment (loss) income:		
Net (depreciation) appreciation in fair value of investments	**(82,246,508)**	113,125,919
Interest and dividend income from investments	**37,977,158**	34,870,873
(Decrease) increase in Plan interest in the AMETEK, Inc. Master Trust	**(4,889,175)**	33,466,509
	(49,158,525)	181,463,301
Interest income on notes receivable from participants	**893,647**	808,320
Total additions	**34,603,088**	258,495,145
Deductions:		
Benefits paid to participants	**(140,758,700)**	(85,201,156)
Administrative expenses	**(304,008)**	-
Net (decrease) increase	**(106,459,620)**	173,293,989
Asset transfers in due to Plan mergers	**23,029,280**	-
Assets available for benefits:		
Beginning of year	**1,196,106,864**	1,022,812,875
End of year	**$ 1,112,676,524**	$ 1,196,106,864

See accompanying notes.

The AMETEK Retirement and Savings Plan
Notes to Financial Statements
December 31, 2018

1. Description of the Plan

General

The following description of The AMETEK Retirement and Savings Plan (the "Plan") provides only summarized information. Participants should refer to the Plan document as amended and restated effective September 4, 2018 for a more complete description of the Plan's provisions, copies of which may be obtained from AMETEK, Inc. ("AMETEK," the "Company" or the "Plan Sponsor").

The Plan is a tax-deferred 401(k) defined contribution savings plan, with a separate retirement feature described below. The Plan provides eligible employees of AMETEK and certain of its business units, an opportunity to invest a portion of their compensation, as defined by the Plan, in one or a combination of investment programs. See Note 3.

Trustee and Recordkeeper

The Vanguard Fiduciary Trust Company was the Plan Trustee through August 29, 2018. The Vanguard Group was the Plan's administrative recordkeeper through August 29, 2018. The Vanguard Fiduciary Trust Company is a party-in-interest. On August 29, 2018, Voya Institutional Trust Company ("Trustee") became the Plan Trustee and a party-in-interest to the Plan. On August 29, 2018, Voya Institutional Plan Services LLC became the administrative recordkeeper and a party-in-interest to the Plan.

Participant Eligibility

An employee, who is not specifically an ineligible employee as defined by the Plan, shall become a participant in the Plan upon his or her date of hire and on or after the date on which the participant first attains age 18.

Plan Mergers

There were no plan mergers into the Plan in 2017. During 2018, the following net assets were transferred into the Plan (in thousands):

Receipt Date	401(k) Savings Plan	
November 20, 2018	Mocon, Inc.	$ 11,154
December 3, 2018	FMH Corporation	11,875
		$ 23,029

1. Description of the Plan (continued)

Contributions

Each year, participants have an opportunity to invest, on a pre-tax basis, up to 50% through September 3, 2018 and 75% from September 4, 2018 of their annual compensation, as defined by the Plan, in multiples of one percent, except for certain highly compensated participants who are subject to a 10% limitation. Participants age 50 and over have an opportunity to invest catch-up contributions up to 75% of their compensation beginning September 4, 2018. Participants may also contribute amounts representing rollovers from other qualified plans. Participants direct their elective contributions into various investment options offered by the Plan and can change their investment options on a daily basis.

The Plan: (1) allows eligible employees to designate all or a portion of their pre-tax contribution as a Roth contribution, (2) allows eligible employees to make contributions to the Plan on an after-tax basis (limited to 10% of eligible compensation for highly compensated employees), and (3) accepts direct (but not indirect) rollovers of Roth and after-tax contributions. Roth contributions are eligible for catch-up contributions and matching contributions, and in general, are treated like pre-tax contributions under the Plan for purposes of investment allocations, loan disbursements and withdrawals. Pre-tax contributions and Roth contributions are aggregated for purposes of the dollar limit on deferrals and catch-up contributions under the Internal Revenue Code. After-tax contributions are not eligible for catch-up or matching contributions. After-tax contributions are treated like pre-tax contributions under the Plan for purposes of investment allocations, loan disbursements and withdrawals, as defined by the Plan.

Participants are automatically enrolled in the Plan at a rate of 3% of their compensation unless the participant opts out of automatic enrollment or until the participant changes their elections. The Vanguard Target Retirement Date Trusts II are the qualified default investment alternatives. The Plan provides for automatic deferral increases by 1% of compensation each January up to a maximum of 6%, as defined by the Plan, for employees who are automatically enrolled in the Plan. Participants automatically enrolled in the Plan may revoke their participation of automatic increases, elect an annual automatic increase of 1%, 2% or 3% and have the increase begin in a month other than January. Participants who are not automatically enrolled in the Plan are also permitted to elect automatic deferral increases.

The Plan provides for Company contributions equal to 33 1/3% of the first 6% of compensation contributed by each eligible participant of designated employer units, up to a maximum annual Company contribution of $1,200 per participant. Also, the Plan provides for Company contributions to eligible participants of designated employer units, which vary by location and range from 25% to 100% of the amount contributed by each participant, up to a maximum percentage ranging from 1% to 8% of the participants' compensation as determined by the Board of Directors for each business unit. Matching Company contributions are credited to participants' accounts at the same time their contributed compensation is invested and are allocated in the same manner as that of their elections. However, the Company may make its matching contribution payment to the Plan at any time prior to the due date prescribed by law for filing the Company's federal income tax return for that Plan year.

The Plan allows discretionary employer contributions as determined by the Board of Directors under appropriate circumstances. Discretionary employer contributions are intended to compensate participants for fees incurred in connection with Plan mergers of acquired businesses. Discretionary employer contributions made in 2018 and 2017 were not significant.

The Plan has a retirement feature for eligible salaried and hourly employees of AMETEK. The Company makes contributions to the Plan on behalf of such employees equal to a specified percentage of their compensation earned based upon participants' age and years of service, up to predetermined limits. The Plan has an incentive retirement feature for eligible salaried and hourly employees of AMETEK. The Company contributes an additional 1% of compensation earned to the Plan on behalf of such employees who contribute 6% or more of their compensation earned, up to predetermined limits. Participant contributions under the retirement feature and incentive retirement feature of the Plan are not permitted. Investment programs and transfer and exchange privileges available under the retirement feature and incentive retirement feature are the same as for the savings feature under the Plan.

1. Description of the Plan (continued)

Forfeited Company contributions from the retirement feature were $.6 million in 2018 and $.7 million in 2017 and are used to reduce future employer retirement feature contributions or to pay Plan administrative expenses.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) the Company's contributions and (b) Plan net earnings. Allocations are based on participant earnings and/or account balances, as defined. The benefit to which a participant is entitled is the balance in the participant's vested account.

Vesting

Participants are fully vested at all times in participant contributions and employer matching contributions. Employer retirement feature contributions and related earnings and employer incentive retirement feature contributions and related earnings are fully vested after three years of service.

Participant Loans

Participants may borrow a minimum of $1,000 or up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. Participants may have up to two loans outstanding at any time, although only one loan may be for a primary residence, the sum of which may not exceed the maximum allowable under the Plan. Loan origination fees are paid by participants and are included in the gross loan distribution amount. Repayment terms of the loans are generally limited to no longer than 60 months from inception or for a reasonable period of time in excess of 60 months for the purchase of a principal residence, as fixed by the Plan. The loans are secured by the balance in the participant's account and bear interest at rates established by the Plan, which approximate rates charged by commercial lending institutions for comparable loans. Interest rates on loans outstanding at December 31, 2018 and 2017 ranged between 3.25% and 9.25%. Principal and interest are paid ratably through payroll deductions or in certain circumstances can be paid directly by participants.

Master Trust

The AMETEK Stock Fund of certain employee savings plans of AMETEK are combined under the AMETEK, Inc. Master Trust ("Master Trust") agreement with the Trustee. Participating plans purchase units of participation in the AMETEK Stock Fund based on their contributions to such fund along with income that the fund may earn, less distributions made to the plans' participants. The AMETEK Stock Fund consists primarily of AMETEK common stock and a small portion may also be invested in short-term securities to help accommodate daily transactions. The AMETEK Stock Fund is considered a level 1 investment within the fair value hierarchy.

The Plan limits the amount a participant can invest in the AMETEK Stock Fund to encourage diversification of participants' accounts. Each payroll period, for other investment fund transfers and for other qualified plan rollover contributions, a participant can direct up to a maximum of 25% of their contributions in the AMETEK Stock Fund. The Plan has implemented a dividend pass through election for its participants.

Each participant is entitled to exercise voting rights attributable to the shares allocated to their account and is notified by the Company prior to the time that such rights may be exercised. The Trustee is not permitted to vote any allocated shares for which instructions have not been given by a participant. The Trustee votes any unallocated shares in the same proportion as those shares that were allocated, unless the Savings and Investment Committee directs the Trustee otherwise. Participants have the same voting rights in the event of a tender or exchange offer.

1. Description of the Plan (continued)

The Plan's interest in the assets of the Master Trust was approximately 99% at both December 31, 2018 and 2017. The fair value of the assets held by the Master Trust was $86,232,538 and $98,464,633 at December 31, 2018 and 2017, respectively.

A summary of the investment (loss) income for the assets held by the Master Trust was as follows:

	Year Ended December 31,	
	2018	**2017**
Net (depreciation) appreciation in fair value of investment	**$ (5,654,654)**	$ 33,382,458
Interest and dividend income on investment	**708,212**	459,599
Total investment (loss) income	**$ (4,946,442)**	$ 33,842,057

Payment of Benefits

On termination of service, death, disability or retirement, a participant may receive a lump-sum amount equal to his or her vested account. Participants who terminate may elect to receive installment payments up to a 15-year period but subject to certain restrictions based on life expectancy. When a participant attains age 59½ while still an employee, he or she can elect to withdraw a specified portion of his or her vested account balance without incurring an income tax penalty. Also, in certain cases of financial hardship, a participant may elect to withdraw up to a specified portion of his or her vested account balance, regardless of age. Benefits are recorded when paid.

Administrative Expenses

Except for certain loan fees, the expenses of administering the Plan are payable from the Plan's assets, unless the Company elects to pay such expenses. From inception of the Plan to August 29, 2018, the Company had elected to pay such expenses directly. Beginning August 29, 2018, the Company has elected to have certain expenses of administering the Plan paid from the Plan assets.

Plan Termination

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA"). While the Company has not expressed any intent to terminate the Plan, it is free to do so at any time subject to the provisions of ERISA and applicable labor agreements. In the event of Plan termination, each participant's account would become fully vested and each participant will receive the value of his or her separate vested account.

2. Summary of Significant Accounting Policies

Basis of Financial Statements

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles ("GAAP").

2. Summary of Significant Accounting Policies (continued)

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires Plan management to make estimates and assumptions that affect amounts reported in the financial statements and accompanying notes, and supplemental schedule. Actual results could differ from those estimates and assumptions.

Notes Receivable from Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are paid from participants' accounts. No allowance for credit losses has been recorded as of December 31, 2018 or 2017. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market fluctuation 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 that such changes could materially affect participants' account balances and the amounts reported in the statements of assets available for benefits.

Investment Valuation and Income Recognition

Investments held by the Plan are stated at fair value less costs to sell, if significant. Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. See Note 4.

Investments in shares of registered investment companies are valued at quoted market prices, which represent the net asset values of shares held by the Plan at year end. Money market and short-term investments are carried at the fair value established by the issuer and/or the trustee. The AMETEK common stock is valued at the closing price reported in an active market.

The Plan invests in a Vanguard Retirement Savings Trust IV, the Vanguard Target Retirement Date Trusts II and the Wells Fargo Stable Value Fund through common/collective trusts. The fair values of the Vanguard Retirement Savings Trust IV, the Vanguard Target Retirement Date Trusts II and the Wells Fargo Stable Value Fund are reported net asset values of the participation units owned by the Plan at year end. The Plan also invests in a pooled separate account through December 31, 2018, which is valued at the net asset value of the participation units owned by the Plan at year-end. There are currently no redemption restrictions on these investments, except for the Vanguard Retirement Savings Trust, which had a one-year liquidation restriction until January 2019. In February 2019, the Vanguard Retirement Savings Trust was liquidated and transferred to the Voya Stabilizer Fund. The Voya Stabilizer Fund is a guaranteed annuity contract individual separate account (GAC SA) that was established for the Plan and other plans sponsored by AMETEK. The GAC SA holds underlying investments primarily in U.S. government securities and the wrapper of this contract is guaranteed by Voya Retirement Insurance Annuity Company (Voya). The GAC SA is credited with the net effective annual interest rate as set by Voya.

Purchases and sales of investments are reflected on trade dates. Realized gains and losses on sales of investments are based on the average cost of such investments. Interest income is recorded on the accrual basis. Dividend income is recorded on the ex-dividend date. Income from other investments is recorded as earned. Plan investments do not have significant costs to sell.

3. Investment Programs

As of December 31, 2018, a participant may direct contributions (up to certain specified limits) in any of the following investment options:

- AMETEK Stock Fund
- Voya Government Securities Fund (Separate Account No. 390)
- Vanguard Retirement Savings Trust IV
- Vanguard Target Retirement Date Trusts II
- Vanguard Target Retirement Income Trust II
- Registered investment companies:
  - Vanguard Total Bond Market Index Fund
  - Vanguard Wellington Fund Admiral Shares
  - Vanguard Windsor II Fund
  - Vanguard PRIMECAP Fund
  - Vanguard Small-Cap Index Fund
  - Vanguard Institutional Index Fund Institutional Plus
  - Vanguard Developed Markets Index Fund
  - Vanguard Emerging Markets Stock Index Fund
  - American Funds EuroPacific Growth Fund
  - BlackRock Inflation Protected Bond Fund
  - Virtus Ceredex Small Cap Value Equity Fund
  - Wells Fargo Discovery R6 Fund

Participants may change their investment options or transfer existing account balances to other investment options daily.

4. Fair Value Measurements

The Plan utilizes a valuation hierarchy for disclosure of the inputs to the valuations used to measure fair value. This hierarchy prioritizes the inputs into three broad levels as follows. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities. Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument. Level 3 inputs are unobservable inputs based on the Plan's own assumptions used to measure assets and liabilities at fair value. A financial asset or liability's classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement.

The following tables sets forth by level, within the fair value hierarchy, the Plan's assets at fair value:

	December 31, 2018			
	Total	**Level 1**	**Level 2**	**Level 3**
Registered investment companies	**$ 509,192,405**	**$ 509,192,405**	**$ —**	**$ —**
Pooled Separate Account and Common/collective trusts measured at net asset value:				
Voya Government Securities Fund (Separate Account No. 390)	**17,401,643**			
Wells Fargo Stable Value Fund	**797,498**			
Vanguard Retirement Savings Trust IV	**112,344,994**			
Vanguard Target Retirement Date Trusts II	**368,039,347**			
Investments, at Fair Value	**$ 1,007,775,887**			

	December 31, 2017			
	Total	**Level 1**	**Level 2**	**Level 3**
Registered investment companies	$ 684,154,730	$ 684,154,730	$ —	$ —
Common/collective trusts measured at net asset value:				
Vanguard Retirement Savings Trust IV	123,304,521			
Vanguard Target Retirement Date Trusts II	271,516,070			
Investments, at Fair Value	$ 1,078,975,321			

5. Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service ("IRS") dated October 19, 2016, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the "Code") and, therefore, the related trust is exempt from taxation. Subsequent to this determination by the IRS, the Plan was amended and restated as of September 4, 2018. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan and has concluded that there are no uncertain positions taken or expected to be taken. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

6. Differences Between Financial Statements and Form 5500

The following is a reconciliation of assets available for benefits per the financial statements to the Plan's Form 5500:

	December 31,	
	2018	**2017**
Assets available for benefits per the financial statements	**$ 1,112,676,524**	$ 1,196,106,864
Deemed distributions outstanding related to the current year	**-**	11,529
Deemed distributions outstanding related to the prior year	**(111,538)**	(123,067)
Assets available for benefits per Form 5500	**$ 1,112,564,986**	$ 1,195,995,326

The following is a reconciliation of deductions per the financial statements to total expenses per the Plan's Form 5500 for the year ended December 31, 2018:

Deductions per the financial statements	**$ (141,062,708)**
Less: Deemed distributions at December 31, 2018	**(111,538)**
Add: Deemed distributions at December 31, 2017	**111,538**
Total expenses per Form 5500	**$ (141,062,708)**

7. Plan Amendments

The Plan was amended to designate certain U.S. employees of the following acquired businesses as participating employees in the Plan on the effective dates below:

Effective Date	Acquired Business
June 25, 2018	FMH Corporation
December 6, 2018	Telular Corporation
December 11, 2018	SoundCom System
December 11, 2018	Arizona Instrument LLC
December 11, 2018	Hughes-Treitler Manufacturing Corporation (also known as AMETEK Thermal Instruments, Inc.)
December 18, 2017	Mocon, Inc.

8. Recent Accounting Pronouncements

In February 2017, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2017-06, *Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965): Employee Benefit Plan Master Trust Reporting* ("ASU 2017-06"). ASU 2017-06 requires a plan's interest in a master trust and change in the value of that interest to be presented in separate line items in the statement of assets available for benefits and in the statement of changes in assets available for benefits. The new guidance removes the requirement to disclose the percentage interest in the master trust for those plans with divided interests and instead requires disclosure of the dollar amount of interest in each investment type. ASU 2017-06 is effective for interim and annual reporting periods beginning after December 15, 2018. The new guidance will be applied on a retrospective basis and early adoption is permitted. The Plan is currently evaluating the impact of adopting ASU 2017-06 on the Plan's financial statements.

In July 2018, the FASB issued ASU No. 2018-09, *Codification Improvements*. ASU 2018-09 removes the stable value common collective trust fund from the illustrative example in paragraph 962-325-55-17 to avoid the interpretation that such an investment would never have a readily determinable fair value and, therefore, would always use the net asset value per share practical expedient. Rather, a plan should evaluate whether a readily determinable fair value exists to determine whether those investments may qualify for the practical expedient to measure at net asset value in accordance with Topic 820. The guidance is effective for fiscal years beginning after December 15, 2018. The guidance is to be applied prospectively as it affects the fair value disclosures only. The Plan is currently evaluating the impact of adopting ASU 2018-09 on the Plan's financial statements.

In August 2018, the FASB issued ASU 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*. ASU 2018-13 modifies certain disclosure requirements on fair value measurements in Topic 820. The guidance is effective for fiscal years beginning after December 15, 2019. The guidance is to be applied prospectively, depending on the different provisions. The Plan is currently evaluating the impact of adopting ASU 2018-13 on the Plan's financial statements.

The AMETEK Retirement and Savings Plan
EIN 14–1682544 Plan #078
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2018

Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par, or maturity value	Current Value
* Voya Government Securities Fund (Separate Account No. 390)	Pooled Separate Account	$ 17,401,643
* Vanguard Retirement Savings Trust IV	Common/Collective Trust	112,344,994
* Wells Fargo Stable Value	Common/Collective Trust	797,498
* Vanguard Target Retirement Income Trust II	Common/Collective Trust	15,259,297
* Vanguard Target Retirement 2015 Trust II	Common/Collective Trust	17,251,981
* Vanguard Target Retirement 2020 Trust II	Common/Collective Trust	59,572,686
* Vanguard Target Retirement 2025 Trust II	Common/Collective Trust	97,560,659
* Vanguard Target Retirement 2030 Trust II	Common/Collective Trust	64,624,417
* Vanguard Target Retirement 2035 Trust II	Common/Collective Trust	43,666,437
* Vanguard Target Retirement 2040 Trust II	Common/Collective Trust	27,796,081
* Vanguard Target Retirement 2045 Trust II	Common/Collective Trust	17,989,974
* Vanguard Target Retirement 2050 Trust II	Common/Collective Trust	13,981,793
* Vanguard Target Retirement 2055 Trust II	Common/Collective Trust	7,315,193
* Vanguard Target Retirement 2060 Trust II	Common/Collective Trust	2,847,406
* Vanguard Target Retirement 2065 Trust II	Common /Collective Trust	173,423
* Vanguard Institutional Index Fund Institutional Plus	Registered Investment Company	96,134,245
* Vanguard Developed Markets Index Fund	Registered Investment Company	2,830,998
* Vanguard Emerging Markets Stock Index Fund	Registered Investment Company	5,705,823
* Vanguard Prime Money Market Fund	Registered Investment Company	444,942
* Vanguard PRIMECAP Fund	Registered Investment Company	98,821,955
* Vanguard Small-Cap Index Fund	Registered Investment Company	31,157,179
* Vanguard Total Bond Market Index Fund	Registered Investment Company	38,335,319
* Vanguard Wellington Fund Admiral Shares	Registered Investment Company	130,459,875
* Vanguard Windsor II Fund	Registered Investment Company	41,721,149
* American Funds EuroPacific Growth Fund	Registered Investment Company	18,725,296
* BlackRock Inflation Protected Bond Fund	Registered Investment Company	6,834,827
* Virtus Ceredex Small Cap Value Equity Fund	Registered Investment Company	9,965,516
* Wells Fargo Discovery R6 Fund	Registered Investment Company	28,055,281
	Total investments	1,007,775,887
* Notes Receivable from Participants	Interest rates ranging from 3.25% to 9.25%	18,403,684
		$ 1,026,179,571

* Indicates party–in–interest to the Plan.

Historical cost column is not included as all investments are participant–directed.

Exhibit Index

Exhibit Number	Description
23	Consent of Independent Registered Public Accounting Firm

Signatures

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the Members of the Savings and Investment Committee have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

The AMETEK Retirement and Savings Plan
(Name of Plan)

Date: June 28, 2019

By: /s/ Thomas M. Montgomery
Thomas M. Montgomery
Member, Savings and Investment Committee

Exhibit 23

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the following Registration Statements:

(1) Registration Statement (Form S-8 No. 333-142824) pertaining to the AMETEK, Inc. 2007 Omnibus Incentive Compensation Plan,

(2) Registration Statement (Form S-8 No. 333-173988) pertaining to the AMETEK, Inc. 2011 Omnibus Incentive Compensation Plan,

(3) Registration Statement (Form S-8 No. 333-87491) pertaining to the AMETEK Retirement and Savings Plan,

(4) Registration Statement (Form S-8 No. 333-91507) pertaining to the AMETEK, Inc. Deferred Compensation Plan,

(5) Registration Statement (Form S-8 No. 333-176068) pertaining to the Hamilton Precision Metals 401(k) Employee Savings Plan and Solidstate Controls, Inc. Hourly Employees' (CWA) Retirement Plan, and

(6) Registration Statement (Form S-3 No. 333-75892) of AMETEK, Inc.

of our report dated June 28, 2019, with respect to the financial statements and schedule of The AMETEK Retirement and Savings Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2018.

/s/ ERNST & YOUNG LLP

Philadelphia, Pennsylvania
June 28, 2019

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Building a better working world

Report of Independent Auditors

To the Plan Participants, Plan Administrator and Savings and Investment Committee of The AMETEK Retirement and Savings Plan

We have audited the accompanying financial statements of The AMETEK Retirement and Savings Plan, which comprise the statements of assets available for benefits as of December 31, 2018 and 2017, and the related statements of changes in assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the assets available for benefits of The AMETEK Retirement and Savings Plan at December 31, 2018 and 2017, and the changes in its assets available for benefits for the years then ended, in conformity with U.S. generally accepted accounting principles.

Supplemental Schedule

Building a better working world

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2018, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Ernst & Young LLP

June 28, 2019

The AMETEK Retirement and Savings Plan

Financial Statements and Supplemental Schedule

Years Ended December 31, 2018 and 2017

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Plan Participants, Plan Administrator and Savings and Investment Committee of The AMETEK Retirement and Savings Plan

Opinion on the Financial Statements

We have audited the accompanying statements of assets available for benefits of The AMETEK Retirement and Savings Plan (the Plan) as of December 31, 2018 and 2017, and the related statements of changes in assets available for benefits for the years then ended, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the assets available for benefits of the Plan at December 31, 2018 and 2017, and the changes in its assets available for benefits for the years then ended, in conformity with U.S. generally accepted accounting principles.

Basis for Opinion

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

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

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

Supplemental Schedule

The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2018, has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The information in the supplemental schedule is the responsibility of the Plan's management. Our audit procedures included determining whether the information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental schedule. In forming our opinion on the information, we evaluated whether such information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ ERNST & YOUNG LLP

We have served as the Plan's auditor since at least 1994, but we are unable to determine the specific year.

Philadelphia, Pennsylvania
June 28, 2019

The AMETEK Retirement and Savings Plan

Statements of Assets Available for Benefits

	December 31,	
	2018	**2017**
Assets:		
Investments	**$ 1,007,775,887**	$ 1,078,975,321
Plan interest in the AMETEK, Inc. Master Trust	**85,216,636**	97,386,295
Total investments, at fair value	**1,092,992,523**	1,176,361,616
Receivables:		
Employer contributions	**491,331**	435,172
Participant contributions	**788,986**	730,246
Notes receivable from participants	**18,403,684**	18,579,830
Total receivables	**19,684,001**	19,745,248
Assets available for benefits	**$ 1,112,676,524**	$ 1,196,106,864

See accompanying notes.

The AMETEK Retirement and Savings Plan

Statements of Changes in Assets Available for Benefits

	Year Ended December 31,	
	2018	**2017**
Additions:		
Contributions:		
Employer	**$ 27,618,661**	$ 22,659,591
Participant	**48,387,732**	41,833,851
Participant rollovers	**6,861,573**	11,730,082
	82,867,966	76,223,524
Investment (loss) income:		
Net (depreciation) appreciation in fair value of investments	**(82,246,508)**	113,125,919
Interest and dividend income from investments	**37,977,158**	34,870,873
(Decrease) increase in Plan interest in the AMETEK, Inc. Master Trust	**(4,889,175)**	33,466,509
	(49,158,525)	181,463,301
Interest income on notes receivable from participants	**893,647**	808,320
Total additions	**34,603,088**	258,495,145
Deductions:		
Benefits paid to participants	**(140,758,700)**	(85,201,156)
Administrative expenses	**(304,008)**	-
Net (decrease) increase	**(106,459,620)**	173,293,989
Asset transfers in due to Plan mergers	**23,029,280**	-
Assets available for benefits:		
Beginning of year	**1,196,106,864**	1,022,812,875
End of year	**$ 1,112,676,524**	$ 1,196,106,864

See accompanying notes.

The AMETEK Retirement and Savings Plan
Notes to Financial Statements
December 31, 2018

1. Description of the Plan

General

The following description of The AMETEK Retirement and Savings Plan (the "Plan") provides only summarized information. Participants should refer to the Plan document as amended and restated effective September 4, 2018 for a more complete description of the Plan's provisions, copies of which may be obtained from AMETEK, Inc. ("AMETEK," the "Company" or the "Plan Sponsor").

The Plan is a tax-deferred 401(k) defined contribution savings plan, with a separate retirement feature described below. The Plan provides eligible employees of AMETEK and certain of its business units, an opportunity to invest a portion of their compensation, as defined by the Plan, in one or a combination of investment programs. See Note 3.

Trustee and Recordkeeper

The Vanguard Fiduciary Trust Company was the Plan Trustee through August 29, 2018. The Vanguard Group was the Plan's administrative recordkeeper through August 29, 2018. The Vanguard Fiduciary Trust Company is a party-in-interest. On August 29, 2018, Voya Institutional Trust Company ("Trustee") became the Plan Trustee and a party-in-interest to the Plan. On August 29, 2018, Voya Institutional Plan Services LLC became the administrative recordkeeper and a party-in-interest to the Plan.

Participant Eligibility

An employee, who is not specifically an ineligible employee as defined by the Plan, shall become a participant in the Plan upon his or her date of hire and on or after the date on which the participant first attains age 18.

Plan Mergers

There were no plan mergers into the Plan in 2017. During 2018, the following net assets were transferred into the Plan (in thousands):

Receipt Date	401(k) Savings Plan	
November 20, 2018	Mocon, Inc.	$ 11,154
December 3, 2018	FMH Corporation	11,875
		$ 23,029

1. Description of the Plan (continued)

Contributions

Each year, participants have an opportunity to invest, on a pre-tax basis, up to 50% through September 3, 2018 and 75% from September 4, 2018 of their annual compensation, as defined by the Plan, in multiples of one percent, except for certain highly compensated participants who are subject to a 10% limitation. Participants age 50 and over have an opportunity to invest catch-up contributions up to 75% of their compensation beginning September 4, 2018. Participants may also contribute amounts representing rollovers from other qualified plans. Participants direct their elective contributions into various investment options offered by the Plan and can change their investment options on a daily basis.

The Plan: (1) allows eligible employees to designate all or a portion of their pre-tax contribution as a Roth contribution, (2) allows eligible employees to make contributions to the Plan on an after-tax basis (limited to 10% of eligible compensation for highly compensated employees), and (3) accepts direct (but not indirect) rollovers of Roth and after-tax contributions. Roth contributions are eligible for catch-up contributions and matching contributions, and in general, are treated like pre-tax contributions under the Plan for purposes of investment allocations, loan disbursements and withdrawals. Pre-tax contributions and Roth contributions are aggregated for purposes of the dollar limit on deferrals and catch-up contributions under the Internal Revenue Code. After-tax contributions are not eligible for catch-up or matching contributions. After-tax contributions are treated like pre-tax contributions under the Plan for purposes of investment allocations, loan disbursements and withdrawals, as defined by the Plan.

Participants are automatically enrolled in the Plan at a rate of 3% of their compensation unless the participant opts out of automatic enrollment or until the participant changes their elections. The Vanguard Target Retirement Date Trusts II are the qualified default investment alternatives. The Plan provides for automatic deferral increases by 1% of compensation each January up to a maximum of 6%, as defined by the Plan, for employees who are automatically enrolled in the Plan. Participants automatically enrolled in the Plan may revoke their participation of automatic increases, elect an annual automatic increase of 1%, 2% or 3% and have the increase begin in a month other than January. Participants who are not automatically enrolled in the Plan are also permitted to elect automatic deferral increases.

The Plan provides for Company contributions equal to 33 1/3% of the first 6% of compensation contributed by each eligible participant of designated employer units, up to a maximum annual Company contribution of $1,200 per participant. Also, the Plan provides for Company contributions to eligible participants of designated employer units, which vary by location and range from 25% to 100% of the amount contributed by each participant, up to a maximum percentage ranging from 1% to 8% of the participants' compensation as determined by the Board of Directors for each business unit. Matching Company contributions are credited to participants' accounts at the same time their contributed compensation is invested and are allocated in the same manner as that of their elections. However, the Company may make its matching contribution payment to the Plan at any time prior to the due date prescribed by law for filing the Company's federal income tax return for that Plan year.

The Plan allows discretionary employer contributions as determined by the Board of Directors under appropriate circumstances. Discretionary employer contributions are intended to compensate participants for fees incurred in connection with Plan mergers of acquired businesses. Discretionary employer contributions made in 2018 and 2017 were not significant.

The Plan has a retirement feature for eligible salaried and hourly employees of AMETEK. The Company makes contributions to the Plan on behalf of such employees equal to a specified percentage of their compensation earned based upon participants' age and years of service, up to predetermined limits. The Plan has an incentive retirement feature for eligible salaried and hourly employees of AMETEK. The Company contributes an additional 1% of compensation earned to the Plan on behalf of such employees who contribute 6% or more of their compensation earned, up to predetermined limits. Participant contributions under the retirement feature and incentive retirement feature of the Plan are not permitted. Investment programs and transfer and exchange privileges available under the retirement feature and incentive retirement feature are the same as for the savings feature under the Plan.

1. Description of the Plan (continued)

Forfeited Company contributions from the retirement feature were $.6 million in 2018 and $.7 million in 2017 and are used to reduce future employer retirement feature contributions or to pay Plan administrative expenses.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) the Company's contributions and (b) Plan net earnings. Allocations are based on participant earnings and/or account balances, as defined. The benefit to which a participant is entitled is the balance in the participant's vested account.

Vesting

Participants are fully vested at all times in participant contributions and employer matching contributions. Employer retirement feature contributions and related earnings and employer incentive retirement feature contributions and related earnings are fully vested after three years of service.

Participant Loans

Participants may borrow a minimum of $1,000 or up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. Participants may have up to two loans outstanding at any time, although only one loan may be for a primary residence, the sum of which may not exceed the maximum allowable under the Plan. Loan origination fees are paid by participants and are included in the gross loan distribution amount. Repayment terms of the loans are generally limited to no longer than 60 months from inception or for a reasonable period of time in excess of 60 months for the purchase of a principal residence, as fixed by the Plan. The loans are secured by the balance in the participant's account and bear interest at rates established by the Plan, which approximate rates charged by commercial lending institutions for comparable loans. Interest rates on loans outstanding at December 31, 2018 and 2017 ranged between 3.25% and 9.25%. Principal and interest are paid ratably through payroll deductions or in certain circumstances can be paid directly by participants.

Master Trust

The AMETEK Stock Fund of certain employee savings plans of AMETEK are combined under the AMETEK, Inc. Master Trust ("Master Trust") agreement with the Trustee. Participating plans purchase units of participation in the AMETEK Stock Fund based on their contributions to such fund along with income that the fund may earn, less distributions made to the plans' participants. The AMETEK Stock Fund consists primarily of AMETEK common stock and a small portion may also be invested in short-term securities to help accommodate daily transactions. The AMETEK Stock Fund is considered a level 1 investment within the fair value hierarchy.

The Plan limits the amount a participant can invest in the AMETEK Stock Fund to encourage diversification of participants' accounts. Each payroll period, for other investment fund transfers and for other qualified plan rollover contributions, a participant can direct up to a maximum of 25% of their contributions in the AMETEK Stock Fund. The Plan has implemented a dividend pass through election for its participants.

Each participant is entitled to exercise voting rights attributable to the shares allocated to their account and is notified by the Company prior to the time that such rights may be exercised. The Trustee is not permitted to vote any allocated shares for which instructions have not been given by a participant. The Trustee votes any unallocated shares in the same proportion as those shares that were allocated, unless the Savings and Investment Committee directs the Trustee otherwise. Participants have the same voting rights in the event of a tender or exchange offer.

1. Description of the Plan (continued)

The Plan's interest in the assets of the Master Trust was approximately 99% at both December 31, 2018 and 2017. The fair value of the assets held by the Master Trust was $86,232,538 and $98,464,633 at December 31, 2018 and 2017, respectively.

A summary of the investment (loss) income for the assets held by the Master Trust was as follows:

	Year Ended December 31,	
	2018	**2017**
Net (depreciation) appreciation in fair value of investment	**$ (5,654,654)**	$ 33,382,458
Interest and dividend income on investment	**708,212**	459,599
Total investment (loss) income	**$ (4,946,442)**	$ 33,842,057

Payment of Benefits

On termination of service, death, disability or retirement, a participant may receive a lump-sum amount equal to his or her vested account. Participants who terminate may elect to receive installment payments up to a 15-year period but subject to certain restrictions based on life expectancy. When a participant attains age 59½ while still an employee, he or she can elect to withdraw a specified portion of his or her vested account balance without incurring an income tax penalty. Also, in certain cases of financial hardship, a participant may elect to withdraw up to a specified portion of his or her vested account balance, regardless of age. Benefits are recorded when paid.

Administrative Expenses

Except for certain loan fees, the expenses of administering the Plan are payable from the Plan's assets, unless the Company elects to pay such expenses. From inception of the Plan to August 29, 2018, the Company had elected to pay such expenses directly. Beginning August 29, 2018, the Company has elected to have certain expenses of administering the Plan paid from the Plan assets.

Plan Termination

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA"). While the Company has not expressed any intent to terminate the Plan, it is free to do so at any time subject to the provisions of ERISA and applicable labor agreements. In the event of Plan termination, each participant's account would become fully vested and each participant will receive the value of his or her separate vested account.

2. Summary of Significant Accounting Policies

Basis of Financial Statements

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles ("GAAP").

2. Summary of Significant Accounting Policies (continued)

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires Plan management to make estimates and assumptions that affect amounts reported in the financial statements and accompanying notes, and supplemental schedule. Actual results could differ from those estimates and assumptions.

Notes Receivable from Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are paid from participants' accounts. No allowance for credit losses has been recorded as of December 31, 2018 or 2017. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market fluctuation 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 that such changes could materially affect participants' account balances and the amounts reported in the statements of assets available for benefits.

Investment Valuation and Income Recognition

Investments held by the Plan are stated at fair value less costs to sell, if significant. Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. See Note 4.

Investments in shares of registered investment companies are valued at quoted market prices, which represent the net asset values of shares held by the Plan at year end. Money market and short-term investments are carried at the fair value established by the issuer and/or the trustee. The AMETEK common stock is valued at the closing price reported in an active market.

The Plan invests in a Vanguard Retirement Savings Trust IV, the Vanguard Target Retirement Date Trusts II and the Wells Fargo Stable Value Fund through common/collective trusts. The fair values of the Vanguard Retirement Savings Trust IV, the Vanguard Target Retirement Date Trusts II and the Wells Fargo Stable Value Fund are reported net asset values of the participation units owned by the Plan at year end. The Plan also invests in a pooled separate account through December 31, 2018, which is valued at the net asset value of the participation units owned by the Plan at year-end. There are currently no redemption restrictions on these investments, except for the Vanguard Retirement Savings Trust, which had a one-year liquidation restriction until January 2019. In February 2019, the Vanguard Retirement Savings Trust was liquidated and transferred to the Voya Stabilizer Fund. The Voya Stabilizer Fund is a guaranteed annuity contract individual separate account (GAC SA) that was established for the Plan and other plans sponsored by AMETEK. The GAC SA holds underlying investments primarily in U.S. government securities and the wrapper of this contract is guaranteed by Voya Retirement Insurance Annuity Company (Voya). The GAC SA is credited with the net effective annual interest rate as set by Voya.

Purchases and sales of investments are reflected on trade dates. Realized gains and losses on sales of investments are based on the average cost of such investments. Interest income is recorded on the accrual basis. Dividend income is recorded on the ex-dividend date. Income from other investments is recorded as earned. Plan investments do not have significant costs to sell.

3. Investment Programs

As of December 31, 2018, a participant may direct contributions (up to certain specified limits) in any of the following investment options:

- AMETEK Stock Fund
- Voya Government Securities Fund (Separate Account No. 390)
- Vanguard Retirement Savings Trust IV
- Vanguard Target Retirement Date Trusts II
- Vanguard Target Retirement Income Trust II
- Registered investment companies:
  - Vanguard Total Bond Market Index Fund
  - Vanguard Wellington Fund Admiral Shares
  - Vanguard Windsor II Fund
  - Vanguard PRIMECAP Fund
  - Vanguard Small-Cap Index Fund
  - Vanguard Institutional Index Fund Institutional Plus
  - Vanguard Developed Markets Index Fund
  - Vanguard Emerging Markets Stock Index Fund
  - American Funds EuroPacific Growth Fund
  - BlackRock Inflation Protected Bond Fund
  - Virtus Ceredex Small Cap Value Equity Fund
  - Wells Fargo Discovery R6 Fund

Participants may change their investment options or transfer existing account balances to other investment options daily.

4. Fair Value Measurements

The Plan utilizes a valuation hierarchy for disclosure of the inputs to the valuations used to measure fair value. This hierarchy prioritizes the inputs into three broad levels as follows. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities. Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument. Level 3 inputs are unobservable inputs based on the Plan's own assumptions used to measure assets and liabilities at fair value. A financial asset or liability's classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement.

The following tables sets forth by level, within the fair value hierarchy, the Plan's assets at fair value:

	December 31, 2018			
	Total	**Level 1**	**Level 2**	**Level 3**
Registered investment companies	**$ 509,192,405**	**$ 509,192,405**	**$ —**	**$ —**
Pooled Separate Account and Common/collective trusts measured at net asset value:				
Voya Government Securities Fund (Separate Account No. 390)	**17,401,643**			
Wells Fargo Stable Value Fund	**797,498**			
Vanguard Retirement Savings Trust IV	**112,344,994**			
Vanguard Target Retirement Date Trusts II	**368,039,347**			
Investments, at Fair Value	**$ 1,007,775,887**			

	December 31, 2017			
	Total	**Level 1**	**Level 2**	**Level 3**
Registered investment companies	$ 684,154,730	$ 684,154,730	$ —	$ —
Common/collective trusts measured at net asset value:				
Vanguard Retirement Savings Trust IV	123,304,521			
Vanguard Target Retirement Date Trusts II	271,516,070			
Investments, at Fair Value	$ 1,078,975,321			

5. Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service ("IRS") dated October 19, 2016, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the "Code") and, therefore, the related trust is exempt from taxation. Subsequent to this determination by the IRS, the Plan was amended and restated as of September 4, 2018. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan and has concluded that there are no uncertain positions taken or expected to be taken. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

6. Differences Between Financial Statements and Form 5500

The following is a reconciliation of assets available for benefits per the financial statements to the Plan's Form 5500:

	December 31,	
	2018	**2017**
Assets available for benefits per the financial statements	**$ 1,112,676,524**	$ 1,196,106,864
Deemed distributions outstanding related to the current year	**-**	11,529
Deemed distributions outstanding related to the prior year	**(111,538)**	(123,067)
Assets available for benefits per Form 5500	**$ 1,112,564,986**	$ 1,195,995,326

The following is a reconciliation of deductions per the financial statements to total expenses per the Plan's Form 5500 for the year ended December 31, 2018:

Deductions per the financial statements	**$ (141,062,708)**
Less: Deemed distributions at December 31, 2018	**(111,538)**
Add: Deemed distributions at December 31, 2017	**111,538**
Total expenses per Form 5500	**$ (141,062,708)**

7. Plan Amendments

The Plan was amended to designate certain U.S. employees of the following acquired businesses as participating employees in the Plan on the effective dates below:

Effective Date	Acquired Business
June 25, 2018	FMH Corporation
December 6, 2018	Telular Corporation
December 11, 2018	SoundCom System
December 11, 2018	Arizona Instrument LLC
December 11, 2018	Hughes-Treitler Manufacturing Corporation (also known as AMETEK Thermal Instruments, Inc.)
December 18, 2017	Mocon, Inc.

8. Recent Accounting Pronouncements

In February 2017, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2017-06, *Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965): Employee Benefit Plan Master Trust Reporting* ("ASU 2017-06"). ASU 2017-06 requires a plan's interest in a master trust and change in the value of that interest to be presented in separate line items in the statement of assets available for benefits and in the statement of changes in assets available for benefits. The new guidance removes the requirement to disclose the percentage interest in the master trust for those plans with divided interests and instead requires disclosure of the dollar amount of interest in each investment type. ASU 2017-06 is effective for interim and annual reporting periods beginning after December 15, 2018. The new guidance will be applied on a retrospective basis and early adoption is permitted. The Plan is currently evaluating the impact of adopting ASU 2017-06 on the Plan's financial statements.

In July 2018, the FASB issued ASU No. 2018-09, *Codification Improvements*. ASU 2018-09 removes the stable value common collective trust fund from the illustrative example in paragraph 962-325-55-17 to avoid the interpretation that such an investment would never have a readily determinable fair value and, therefore, would always use the net asset value per share practical expedient. Rather, a plan should evaluate whether a readily determinable fair value exists to determine whether those investments may qualify for the practical expedient to measure at net asset value in accordance with Topic 820. The guidance is effective for fiscal years beginning after December 15, 2018. The guidance is to be applied prospectively as it affects the fair value disclosures only. The Plan is currently evaluating the impact of adopting ASU 2018-09 on the Plan's financial statements.

In August 2018, the FASB issued ASU 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*. ASU 2018-13 modifies certain disclosure requirements on fair value measurements in Topic 820. The guidance is effective for fiscal years beginning after December 15, 2019. The guidance is to be applied prospectively, depending on the different provisions. The Plan is currently evaluating the impact of adopting ASU 2018-13 on the Plan's financial statements.

The AMETEK Retirement and Savings Plan
EIN 14–1682544 Plan #078
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2018

Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par, or maturity value	Current Value
* Voya Government Securities Fund (Separate Account No. 390)	Pooled Separate Account	$ 17,401,643
* Vanguard Retirement Savings Trust IV	Common/Collective Trust	112,344,994
* Wells Fargo Stable Value	Common/Collective Trust	797,498
* Vanguard Target Retirement Income Trust II	Common/Collective Trust	15,259,297
* Vanguard Target Retirement 2015 Trust II	Common/Collective Trust	17,251,981
* Vanguard Target Retirement 2020 Trust II	Common/Collective Trust	59,572,686
* Vanguard Target Retirement 2025 Trust II	Common/Collective Trust	97,560,659
* Vanguard Target Retirement 2030 Trust II	Common/Collective Trust	64,624,417
* Vanguard Target Retirement 2035 Trust II	Common/Collective Trust	43,666,437
* Vanguard Target Retirement 2040 Trust II	Common/Collective Trust	27,796,081
* Vanguard Target Retirement 2045 Trust II	Common/Collective Trust	17,989,974
* Vanguard Target Retirement 2050 Trust II	Common/Collective Trust	13,981,793
* Vanguard Target Retirement 2055 Trust II	Common/Collective Trust	7,315,193
* Vanguard Target Retirement 2060 Trust II	Common/Collective Trust	2,847,406
* Vanguard Target Retirement 2065 Trust II	Common /Collective Trust	173,423
* Vanguard Institutional Index Fund Institutional Plus	Registered Investment Company	96,134,245
* Vanguard Developed Markets Index Fund	Registered Investment Company	2,830,998
* Vanguard Emerging Markets Stock Index Fund	Registered Investment Company	5,705,823
* Vanguard Prime Money Market Fund	Registered Investment Company	444,942
* Vanguard PRIMECAP Fund	Registered Investment Company	98,821,955
* Vanguard Small-Cap Index Fund	Registered Investment Company	31,157,179
* Vanguard Total Bond Market Index Fund	Registered Investment Company	38,335,319
* Vanguard Wellington Fund Admiral Shares	Registered Investment Company	130,459,875
* Vanguard Windsor II Fund	Registered Investment Company	41,721,149
* American Funds EuroPacific Growth Fund	Registered Investment Company	18,725,296
* BlackRock Inflation Protected Bond Fund	Registered Investment Company	6,834,827
* Virtus Ceredex Small Cap Value Equity Fund	Registered Investment Company	9,965,516
* Wells Fargo Discovery R6 Fund	Registered Investment Company	28,055,281
	Total investments	1,007,775,887
* Notes Receivable from Participants	Interest rates ranging from 3.25% to 9.25%	18,403,684
		$ 1,026,179,571

* Indicates party–in–interest to the Plan.

Historical cost column is not included as all investments are participant–directed.

Exhibit Index

Exhibit Number	Description
23	Consent of Independent Registered Public Accounting Firm

Signatures

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the Members of the Savings and Investment Committee have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

The AMETEK Retirement and Savings Plan
(Name of Plan)

Date: June 28, 2019

By: /s/ Thomas M. Montgomery
Thomas M. Montgomery
Member, Savings and Investment Committee

Exhibit 23

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the following Registration Statements:

(1) Registration Statement (Form S-8 No. 333-142824) pertaining to the AMETEK, Inc. 2007 Omnibus Incentive Compensation Plan,

(2) Registration Statement (Form S-8 No. 333-173988) pertaining to the AMETEK, Inc. 2011 Omnibus Incentive Compensation Plan,

(3) Registration Statement (Form S-8 No. 333-87491) pertaining to the AMETEK Retirement and Savings Plan,

(4) Registration Statement (Form S-8 No. 333-91507) pertaining to the AMETEK, Inc. Deferred Compensation Plan,

(5) Registration Statement (Form S-8 No. 333-176068) pertaining to the Hamilton Precision Metals 401(k) Employee Savings Plan and Solidstate Controls, Inc. Hourly Employees' (CWA) Retirement Plan, and

(6) Registration Statement (Form S-3 No. 333-75892) of AMETEK, Inc.

of our report dated June 28, 2019, with respect to the financial statements and schedule of The AMETEK Retirement and Savings Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2018.

/s/ ERNST & YOUNG LLP

Philadelphia, Pennsylvania
June 28, 2019