

AMETEK INC/  
Form 11-K  
June 29, 2018  
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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**FORM 11-K**

**(Mark One)**

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

**For the fiscal year ended December 31, 2017**

**OR**

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

**For the transition period from                      to**

**Commission File Number 1-12981**

**Solidstate Controls, Inc.**

**Hourly Employees (CWA) Retirement Plan**

(Full title of the plan)

**AMETEK, Inc.**

**1100 Cassatt Road**

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**Berwyn, Pennsylvania 19312-1177**

(Name of issuer of the securities held pursuant to the plan  
and the address of its principal executive office)

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**Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

**Financial Statements and Supplemental Schedule**

**Years Ended December 31, 2017 and 2016**

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**Table of Contents****Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan****Statements of Assets Available for Benefits****(Unaudited)**

	<b>December 31,</b>	
	<b>2017</b>	<b>2016</b>
<b>Assets:</b>		
Investments	<b>\$ 3,513,330</b>	\$ 3,171,382
Plan interest in the AMETEK, Inc. Master Trust	<b>1,078,338</b>	847,678
Total investments, at fair value	<b>4,591,668</b>	4,019,060
<b>Receivables:</b>		
Employer contributions	<b>206,427</b>	210,945
Notes receivable from participants	<b>296,512</b>	319,175
Total receivables	<b>502,939</b>	530,120
Assets available for benefits	<b>\$ 5,094,607</b>	\$ 4,549,180

*See accompanying notes.*

**Table of Contents****Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan****Statements of Changes in Assets Available for Benefits****(Unaudited)**

	Year Ended December 31,	
	2017	2016
<b>Additions:</b>		
Contributions:		
Employer	\$ 206,427	\$ 210,945
Participant	134,839	123,047
	<b>341,266</b>	333,992
Investment income:		
Net appreciation in fair value of investments	290,754	147,207
Interest and dividend income from investments	118,651	79,311
Increase (decrease) in Plan interest in the AMETEK, Inc. Master Trust	375,547	(75,363)
	<b>784,952</b>	151,155
Interest income on notes receivable from participants	12,044	12,482
Total additions	<b>1,138,262</b>	497,629
<b>Deductions:</b>		
Benefits paid to participants	(592,835)	(97,248)
Net increase	<b>545,427</b>	400,381
Assets available for benefits:		
Beginning of year	<b>4,549,180</b>	4,148,799
End of year	<b>\$ 5,094,607</b>	\$ 4,549,180

*See accompanying notes.*

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**Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

**Notes to Financial Statements**

**December 31, 2017**

**(Unaudited)**

**1. Description of the Plan**

**General**

The following description of the Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan (the Plan) provides only summarized information. Participants should refer to the Plan document 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 which provides eligible employees (whose employment is governed by the terms of a collective bargaining agreement with the Communications Workers of America (CWA)) of Solidstate Controls, Inc., 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 (Trustee) is the Plan Trustee and a party-in-interest to the Plan. The Vanguard Group is the Plan's administrative recordkeeper.

**Participant Eligibility**

A Solidstate Controls, Inc. CWA employee, who is not specifically an ineligible employee as defined by the Plan, shall become a participant in the Plan as of the first day of a fiscal quarter beginning after the completion of one year of service.

**Contributions**

Each year, participants have an opportunity to invest up to 16% (maximum 6% pre-tax and maximum 10% after-tax) of their annual compensation, as defined by the Plan, in multiples of one percent, except for certain highly compensated participants who may be subject to certain regulatory limitations. Participants age 50 and over have an opportunity to invest catch-up contributions up to Internal Revenue Service (IRS) annual limits. 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 Vanguard Target Retirement Date Trusts II are the qualified default investment alternatives until the participant changes their elections.

The Plan provides for AMETEK contributions equal to 50% of compensation contributed by each participant, up to a maximum percentage ranging from 1% to 6% of the participants' compensation as determined by the terms of the collective bargaining agreement. Matching Company contributions are credited to participants' accounts typically on an annual lump sum basis 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 has a retirement feature for eligible participants, whereby the Company contributes to the Plan on behalf of such participants at the following rates:

\$0.90 per hour worked from March 2, 2015 through March 1, 2016;

\$0.925 per hour worked from March 2, 2016 through March 1, 2017; and

\$0.95 per hour worked from March 2, 2017 and thereafter.

**Table of Contents**

**Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

**Notes to Financial Statements**

**December 31, 2017**

**(Unaudited)**

**1. Description of the Plan (continued)**

Participant contributions under the retirement feature of the Plan are not permitted. Investment programs and transfer and exchange privileges available under the retirement feature are the same as for the savings feature under the Plan.

Forfeited Company contributions, which are insignificant in amount, 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. Employer matching contributions and related earnings and employer 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, 2017 and 2016 ranged between 4.25% and 5.25%. Principal and interest is paid ratably through payroll deductions.

**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.



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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.

**Table of Contents****Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan****Notes to Financial Statements****December 31, 2017****(Unaudited)****1. Description of the Plan (continued)**

The Plan's interest in the assets of the Master Trust was approximately one percent at December 2017 and 2016. The fair value of the assets held by the Master Trust was \$98,464,633 and \$70,665,274 at December 31, 2017 and 2016, respectively.

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

	<b>Year Ended December 31,</b>	
	<b>2017</b>	<b>2016</b>
Net appreciation (depreciation) in fair value of investment	<b>\$ 33,382,458</b>	<b>\$ (8,046,644)</b>
Interest and dividend income on investment	<b>459,599</b>	<b>509,528</b>
<b>Total investment income (loss)</b>	<b>\$ 33,842,057</b>	<b>\$ (7,537,116)</b>

**Payment of Benefits**

On termination of service, death, disability or retirement, a participant may receive a qualified joint and survivor annuity, a direct rollover or a lump-sum amount equal to his or her vested account. When a participant attains age 59 1/2 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. All plan withdrawals and distributions require spousal consent. 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 the present, the Company has elected to pay such expenses directly.

**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 are unaudited because the number of participants in the Plan is fewer than the number of participants which would require audited financial statements under ERISA. The accompanying financial statements have been prepared on the accrual basis

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of accounting in accordance with U.S. generally accepted accounting principles ( GAAP ).

### **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.

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**Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

**Notes to Financial Statements**

**December 31, 2017**

**(Unaudited)**

**2. Summary of Significant Accounting Policies (continued)**

**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, 2017 or 2016. 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 Fund and Vanguard Target Retirement Date Funds through a common/collective trust. The fair values of the Vanguard Retirement Savings Trust IV and Vanguard Target Retirement Date Trusts II are the reported net asset values of the participation units owned by the Plan at year end. There are currently no redemption restrictions on these investments.

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.

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**Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

**Notes to Financial Statements**

**December 31, 2017**

**(Unaudited)**

**3. Investment Programs**

As of December 31, 2017, a participant may direct contributions (up to certain specified limits) in any of the following investment options:

AMETEK Stock Fund  
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 LifeStrategy Funds  
    Vanguard Wellington Fund Admiral Shares  
    Vanguard Windsor II Fund  
    Vanguard PRIMECAP Fund  
    Vanguard Small-Cap Index Fund  
    Vanguard 500 Index Fund  
    Vanguard Developed Markets Index Fund  
    Vanguard Emerging Markets Stock Index Fund  
    Vanguard Prime Money Market Fund  
    American Funds EuroPacific Growth Fund  
    BlackRock Inflation Protected Bond Fund  
    RidgeWorth Small Cap Value Equity Fund  
    Wells Fargo Advantage Discovery Fund

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

**Table of Contents****Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan****Notes to Financial Statements****December 31, 2017****(Unaudited)****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:

	Total	December 31, 2017		
		Level 1	Level 2	Level 3
Registered investment companies	\$ 2,404,150	\$ 2,404,150	\$	\$
Common/collective trusts measured at net asset value:				
Vanguard Retirement Savings Trust IV	685,976			
Vanguard Target Retirement Date Trusts II	423,204			
<b>Investments, at Fair Value</b>	<b>\$ 3,513,330</b>			

	Total	December 31, 2016		
		Level 1	Level 2	Level 3
Registered investment companies	\$ 2,219,374	\$ 2,219,374	\$	\$
Common/collective trusts measured at net asset value:				
Vanguard Retirement Savings Trust IV	655,462			
Vanguard Target Retirement Date Trusts II	296,546			
<b>Investments, at Fair Value</b>	<b>\$ 3,171,382</b>			

**Table of Contents****Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan****Notes to Financial Statements****December 31, 2017****(Unaudited)****5. Income Tax Status**

The Plan has received a determination letter from the IRS dated January 11, 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. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan Sponsor 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:

	<b>December 31,</b>	
	<b>2017</b>	<b>2016</b>
Assets available for benefits per the financial statements	<b>\$ 5,094,607</b>	\$ 4,549,180
Deemed distributions outstanding related to the current year	<b>(23,499)</b>	(23,499)
Deemed distributions outstanding related to the prior year		
Assets available for benefits per Form 5500	<b>\$ 5,071,108</b>	\$ 4,525,681

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, 2017:

Deductions per the financial statements	<b>\$ (592,835)</b>
Less: Deemed distributions at December 31, 2017	<b>(23,499)</b>
Add: Deemed distributions at December 31, 2016	<b>23,499</b>
Total expenses per Form 5500	<b>\$ (592,835)</b>

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**Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

**Notes to Financial Statements**

**December 31, 2017**

**(Unaudited)**

**7. 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.



**Table of Contents****Solidstate Controls, Inc. Hourly Employees (CWA) Retirement Plan**

EIN 14 1682544 Plan #050

**Schedule H, Line 4i Schedule of Assets (Held at End of Year)**

December 31, 2017

(Unaudited)

Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par, or maturity value	Current Value
* Vanguard Retirement Savings Trust IV	Common/Collective Trust	\$ 685,976
* Vanguard Target Retirement Income Trust II	Common/Collective Trust	11,596
* Vanguard Target Retirement 2020 Trust II	Common/Collective Trust	27,307
* Vanguard Target Retirement 2025 Trust II	Common/Collective Trust	233,139
* Vanguard Target Retirement 2030 Trust II	Common/Collective Trust	7,600
* Vanguard Target Retirement 2035 Trust II	Common/Collective Trust	48,404
* Vanguard Target Retirement 2040 Trust II	Common/Collective Trust	30,854
* Vanguard Target Retirement 2045 Trust II	Common/Collective Trust	13,127
* Vanguard Target Retirement 2050 Trust II	Common/Collective Trust	5,181
* Vanguard Target Retirement 2055 Trust II	Common/Collective Trust	35,398
* Vanguard Target Retirement 2060 Trust II	Common/Collective Trust	10,598
* Vanguard LifeStrategy Conservative Growth Fund	Registered Investment Company	79,643
* Vanguard LifeStrategy Moderate Growth Fund	Registered Investment Company	107,122
* Vanguard LifeStrategy Growth Fund	Registered Investment Company	176,784
* Vanguard 500 Index Fund	Registered Investment Company	432,159
* Vanguard Emerging Markets Stock Index Fund	Registered Investment Company	4,840
* Vanguard Prime Money Market Fund	Registered Investment Company	17,394
* Vanguard PRIMECAP Fund	Registered Investment Company	187,865
* Vanguard Small-Cap Index Fund	Registered Investment Company	97,445
* Vanguard Total Bond Market Index Fund	Registered Investment Company	430,094
* Vanguard Wellington Fund Admiral Shares	Registered Investment Company	412,136
* Vanguard Windsor II Fund	Registered Investment Company	149,081
* American Funds EuroPacific Growth Fund	Registered Investment Company	107,461
* BlackRock Inflation Protected Bond Fund	Registered Investment Company	34,991
* Devel Markets Index Fund	Registered Investment Company	9,190
* Virtus Ceredex Small Cap Value Equity Fund	Registered Investment Company	107,498
* Wells Fargo Advantage Discovery Fund	Registered Investment Company	50,447
	Total investments	3,513,330
* Notes Receivable from Participants	Interest rates 4.25% 5.25%	296,512
		\$ 3,809,842

\* Indicates party in interest to the Plan.  
Historical cost column is not included as all investments are participant directed.



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**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.

Solidstate Controls, Inc.

Hourly Employees (CWA) Retirement Plan  
(Name of Plan)

Date: June 29, 2018

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