

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM II - K

**FOR ANNUAL REPORTS OF EMPLOYEE STOCK
PURCHASE, SAVINGS AND SIMILAR PLANS
PURSUANT TO SECTION 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

(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 1-5794

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

Masco Corporation Hourly 401 (k) Plan

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

Masco Corporation
17450 College Parkway
Livonia, Michigan 48152

MASCO CORPORATION HOURLY 401(k) PLAN

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Note: Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Plan Administrator and Plan Participants
Masco Corporation Hourly 401(k) Plan

Opinion on the financial statements

We have audited the accompanying statements of net assets available for benefits of Masco Corporation Hourly 401(k) Plan (the "Plan") as of December 31, 2017 and 2016, the related statement of changes in net assets available for benefits for the year ended December 31, 2017, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2017 and 2016, and the changes in net assets available for benefits for the year ended December 31, 2017 in conformity with accounting principles generally accepted in the United States of America.

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 supporting 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 information

The supplemental information in the accompanying schedule, Schedule H, Line 4i-Schedule of Assets (Held at End of Year) as of December 31, 2017 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is presented for purposes of additional analysis and is not a required part of the basic financial statements but include supplemental information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the basic financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information in the accompanying schedule, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information referred to above is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

/s/ Grant Thornton LLP

We have served as the Plan's auditor since 2013.

Southfield, Michigan
June 8, 2018

MASCO CORPORATION HOURLY 401(k) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

December 31, 2017 and 2016

| | 2017 | 2016 |
|------------------------------------|----------------|----------------|
| ASSETS | | |
| Investments, at fair value: | | |
| Collective trust funds | \$ 146,600,878 | \$ 118,424,816 |
| Mutual funds | 120,025,236 | 105,262,920 |
| Stock fund | 2,660,440 | 1,887,286 |
| Brokerage account | 758,079 | 622,618 |
| Total investments | 270,044,633 | 226,197,640 |
| Receivables: | | |
| Notes receivable from participants | 20,966,793 | 18,255,036 |
| Participant contributions | 246,041 | 222 |
| Employer contributions | 4,795,460 | 4,713,529 |
| Total receivables | 26,008,294 | 22,968,787 |
| Net assets available for benefits | \$ 296,052,927 | \$ 249,166,427 |

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

MASCO CORPORATION HOURLY 401(k) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

For the year ended December 31, 2017

| ADDITIONS | |
|---|-----------------------|
| Investment income: | |
| Net appreciation in fair value of investments | \$ 33,600,079 |
| Interest and dividend income | 6,644,838 |
| Total investment income | <u>40,244,917</u> |
| Contributions: | |
| Participant contributions | 11,682,390 |
| Participant rollover contributions | 621,023 |
| Employer contributions | 11,901,029 |
| Total contributions | <u>24,204,442</u> |
| Interest income on notes receivable from participants | 636,119 |
| Total additions | <u>65,085,478</u> |
| DEDUCTIONS | |
| Benefit payments | (16,497,254) |
| Other, net | (190,077) |
| Total deductions | <u>(16,687,331)</u> |
| Net increase in net assets available for benefits | 48,398,147 |
| Net transfers out of the Plan | (1,511,647) |
| Net assets available for benefits: | |
| Beginning of year | <u>249,166,427</u> |
| End of year | <u>\$ 296,052,927</u> |

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

MASCO CORPORATION HOURLY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS

A. DESCRIPTION OF PLAN

The following description of the Masco Corporation ("Company") Hourly 401(k) Plan ("Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

1. *General*. The Plan is a defined contribution plan covering hourly employees at certain divisions and subsidiaries of the Company. Eligible employees may participate in the Plan on the ir date of hire. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

2. *Contributions*. Participant may contribute (on either a pre-tax or Roth after-tax basis) up to 75 percent of the ir pretax annual compensation, as defined in the Plan. All employees who are eligible to participate under the Plan and who have attained the age of 50 before the close of the plan year shall be eligible to make catch-up contributions. Participants may also make rollover contributions representing distributions from individual retirement accounts, simplified employee pension plans, 403(b) and 457 plans or other employees' tax-qualified plans. The Company makes matching and/or profit sharing employer contributions in accordance with the provisions of the Plan. These employer contributions, if applicable, vary by division or subsidiary and are invested pursuant to the participant's investment election. At December 31, 2017 and 2016, employer profit sharing contributions receivable totaled \$4,577,989 and \$4,676,869, respectively. Contributions are subject to certain Internal Revenue Service ("IRS") limitations. Participants may direct contributions in one percent increments in any of the various investment options. These options include professional y managed mutual funds, collective trust funds, stock funds and a broker age account which allows participants to buy, sell or trade most publicly listed common stocks, corporate and government bond securities of deposits; these options vary in their respective strategies, risks and goals. Participants may change their investment options daily.

3. *Participant Accounts*. Each active participant's account is credited with the participant's contributions and allocations of (a) employer contributions (if applicable), and (b) investment earnings, as defined in the Plan. Plan administrative expenses are paid by the Company and not charged to participants' accounts. Certain expenses may be incurred by individual participant for special services relating to the ir accounts. These costs are charged directly to the individual participant's account. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

4. *Vesting and Forfeited Employer Contributions*. Participants are immediately vested in their contributions plus actual earnings thereon. Participants are also immediately vested in the Company matching contribution plus earnings thereon. Vesting in Company profit sharing contributions occurs after three years of service commencing at date of hire. At December 31, 2017 and 2016, forfeited non-vested employer contributions totaled \$277,309 and \$215,730, respectively. All forfeited amounts are used in each succeeding year to reduce employer contributions.

5. *Voting Rights*. Each participant who has an interest in the Masco Corporation Company Stock Fund is entitled to exercise voting rights attributable to the shares allocated to his or her Company Stock Fund account and is notified by the Trustee, Fidelity Management Trust Company ("Fidelity"), as defined by the Plan, prior to the time that such rights are to be exercised. If the Trustee does not receive timely instructions, the Trustee itself or by proxy shall vote all such shares in the same ratio as the shares with respect to which instructions were received from participants.

6. *Notes Receivable from Participants*. Generally, participants may borrow from their account a maximum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance at the time of the loan. Loan terms generally range from 1-5 years, or up to 15 years in limited circumstances. The loans are collateralized by the balance in the participant's account and generally bear interest at a rate equal to the Prime Rate on the last business day of the month prior to the date of the loan application. Principal and interest are paid ratably throughout the term of the loan.

MASCO CORPORATION HOURLY 401(k) PLAN

NOTES TO FINANCIAL STATEMENTS, Continued

A. DESCRIPTION OF PLAN (Concluded)

7. *Payment of Benefits.* Generally, after separation from service due to termination, death, disability or retirement, a participant may elect to receive an amount equal to the value of the participant's vested interest in his or her account in either a single lump-sum amount or in annual installments over a period not to exceed five years. In-service and hardship withdrawals are distributed in a single payment.

B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The following is a summary of significant accounting policies in accordance with accounting principles generally accepted in the United States of America ("GAAP") followed in the preparation of the financial statements.

Basis of Accounting. The accompanying financial statements are prepared on the accrual basis of accounting.

Use of Estimates. The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of additions and deductions during the reporting period. Actual results could differ from these estimates and assumptions.

Risks and Uncertainties. The Plan provides for various investment options in collective trust funds, mutual funds, stock funds and other investment securities. Investment securities are exposed to various risks, including interest rate, market and credit risks. Due to the level of risk associated with certain collective trust funds, mutual funds, stock funds and investment securities and the level of uncertainty related to changes in the value of investment securities, it is reasonably possible that changes in risks in the near term could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits and the statement of changes in net assets available for benefits.

Investment Valuation and Income Recognition. Investments are stated at fair value as determined by Fidelity Pricing and Cash Management Services, Inc. See Note D for a summary of the valuation method by type of fund.

Investment transactions are reflected on a trade-date basis. Interest income is recognized on the accrual basis of accounting. Dividend income is recorded on the ex-dividend date. Income from other securities is recorded as earned on an accrual basis.

The Plan presents in the statement of changes in net assets available for benefits the net appreciation (depreciation) in the fair value of investments, which consists of the realized gains or losses and the unrealized appreciation (depreciation) of those investments.

Notes Receivable from Participants. Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Delinquent notes receivable from participants are recorded as benefit payments based upon the terms of the Plan.

Payment of Benefits. Benefits are recorded when paid.

Recently Issued Accounting Pronouncements. In February 2017, the Financial Accounting Standards Board issued Accounting Standards Update 2017-06 ("ASU 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", which changes the presentation and disclosures for plans that participate in a master trust. ASU 2017-06 is effective for annual periods beginning after December 15, 2018 and requires retrospective application. We do not expect the adoption of this new standard to impact the Plan's financial statements.

MASCO CORPORATION HOURLY 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS, Continued

C. INVESTMENTS

At December 31, 2017 and 2016, the stock fund totaled \$2,660,440 and \$1,887,286, respectively, and was comprised of the Masco Corporation Company Stock Fund, which exclusively included Masco Corporation Common Stock.

D. FAIR VALUE MEASUREMENTS

Accounting Policy. The Plan follows fair value guidance (ASC 820) that defines fair value, establishes a framework for measuring fair value and requires certain disclosures about fair value measurements. The guidance defines fair value as "the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date." Further, it defines a fair value hierarchy, as follows: Level 1 inputs as quoted prices in an active market for identical assets or liabilities; Level 2 inputs as observable inputs other than Level 1 prices, such as quoted market prices for similar assets or liabilities or other inputs that are observable or can be corroborated by market data; and Level 3 inputs as unobservable inputs that are supported by little or no market activity and that are financial instruments whose value is determined using pricing models or inputs for which the determination of fair value requires significant management judgment or estimation.

A description of the valuation methodology used for assets measured at fair value is as follows:

Collective trust funds: Valued based on Net Asset Value ("NAV"), which approximates fair value as of December 31, 2017 and 2016. Such basis is determined by reference to the respective fund's underlying assets, which are primarily marketable equity and fixed income securities.

Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission ("SEC"). These funds are required to publish their daily NAV and transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Stock fund: Valued at the closing price as reported on the active market on which the individual securities are traded.

Brokerage account: Participant-directed investments that primarily include common stocks, mutual funds, and cash. Common stocks are valued at the closing price as reported on the active market on which the individual securities are traded. Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily NAV and transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2017 and 2016.

| | Assets at Fair Value as of December 31, 2017 | | | | |
|-----------------------------------|--|-------------|-------------|-----------------------|-----------------------|
| | Level 1 | Level 2 | Level 3 | Measured at NAV | Total |
| Collective trust funds | \$ — | \$ — | \$ — | \$ 146,600,878 | \$ 146,600,878 |
| Mutual funds | 120,025,236 | — | — | — | 120,025,236 |
| Stock fund | 2,660,440 | — | — | — | 2,660,440 |
| Brokerage account | 758,079 | — | — | — | 758,079 |
| Total assets at fair value | \$ 123,443,755 | \$ — | \$ — | \$ 146,600,878 | \$ 270,044,633 |

MASCO CORPORATION HOURLY 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS, Continued

D. FAIR VALUE MEASUREMENTS (Concluded)

| | Assets at Fair Value as of December 31, 2016 | | | | |
|-----------------------------------|--|-------------|-------------|-----------------------|-----------------------|
| | Level 1 | Level 2 | Level 3 | Measured at NAV | Total |
| Collective trust funds | \$ — | \$ — | \$ — | \$ 118,424,816 | \$ 118,424,816 |
| Mutual funds | 105,262,920 | — | — | — | 105,262,920 |
| Stock fund | 1,887,286 | — | — | — | 1,887,286 |
| Brokerage account | 622,618 | — | — | — | 622,618 |
| Total assets at fair value | \$ 107,772,824 | \$ — | \$ — | \$ 118,424,816 | \$ 226,197,640 |

The following table summarizes investments measured at fair value using the NAV per share practical expedient as of December 31, 2017 and 2016. Were the Plan to initiate a full redemption of the collective trust funds, the investment adviser reserves the right to temporarily delay withdrawal from the trust in order to ensure the securities liquidations will be carried out in an orderly business manner.

| | Fair Value at December 31, | | Unfunded Commitments | Redemption Frequency | Redemption Notice Period |
|--|----------------------------|-----------------------|-------------------------|-------------------------|-----------------------------|
| | 2017 | 2016 | | | |
| <i>Collective trust funds:</i> | | | | | |
| FIAM Small Capitalization Core Commingled Pool Class D | \$ 3,041,483 | \$ 2,749,220 | None | Daily | 30 days |
| Fidelity® Diversified International Commingled Pool | 6,286,858 | 5,330,677 | None | Daily | 90 days |
| Fidelity® Low-Priced Stock Commingled Pool | 6,965,968 | 4,446,808 | None | Daily | 90 days |
| FIAM Target Date 2005 Commingled Pool Class X | 145,512 | 125,634 | None | Daily | 30 days |
| FIAM Target Date 2010 Commingled Pool Class X | 1,124,099 | 1,069,024 | None | Daily | 30 days |
| FIAM Target Date 2015 Commingled Pool Class X | 3,636,255 | 3,731,197 | None | Daily | 30 days |
| FIAM Target Date 2020 Commingled Pool Class X | 14,005,301 | 12,156,528 | None | Daily | 30 days |
| FIAM Target Date 2025 Commingled Pool Class X | 18,315,767 | 14,804,233 | None | Daily | 30 days |
| FIAM Target Date 2030 Commingled Pool Class X | 22,358,525 | 17,740,674 | None | Daily | 30 days |
| FIAM Target Date 2035 Commingled Pool Class X | 18,588,051 | 14,408,873 | None | Daily | 30 days |
| FIAM Target Date 2040 Commingled Pool Class X | 14,312,787 | 11,580,473 | None | Daily | 30 days |
| FIAM Target Date 2045 Commingled Pool Class X | 11,887,271 | 9,071,750 | None | Daily | 30 days |
| FIAM Target Date 2050 Commingled Pool Class X | 7,406,075 | 5,838,308 | None | Daily | 30 days |
| FIAM Target Date 2055 Commingled Pool Class X | 4,646,897 | 3,184,910 | None | Daily | 30 days |
| FIAM Target Date 2060 Commingled Pool Class X | 2,181,773 | 1,132,708 | None | Daily | 30 days |
| FIAM Target Date Income Commingled Pool Class X | 452,004 | 501,484 | None | Daily | 30 days |
| FIAM Core Plus Commingled Pool Class K | 11,246,252 | 10,552,315 | None | Daily | 30 days |
| Total investments measured at NAV | \$ 146,600,878 | \$ 118,424,816 | | | |

E. INCOME TAX STATUS

The IRS determined and informed the Company by letter dated March 31, 2014 that the Plan is designed in accordance with the applicable sections of the Internal Revenue Code ("Code"). The Plan has since been amended; however, the Plan administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America 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. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2017 and 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax period in progress.

MASCO CORPORATION HOURLY 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS, Concluded

F. PLAN TERMINATION

Although the Company has not expressed an intent to do so, the Company has the right at any time to discontinue its contributions and to terminate the Plan, subject to the provisions of ERISA. At the date of any such termination, all participants would become fully vested in their accounts and the Administrative Committee of the Plan shall direct the Trustee to distribute to the participants all assets of the Plan, net of any termination expenses which will be prorated among the participants' accounts.

G. RELATED PARTY TRANSACTIONS

Certain Plan investments are in shares of collective trust funds and mutual funds managed by Fidelity. Fidelity is also the Trustee as defined by the Plan and, therefore, these purchases and sales qualify as party-in-interest transactions. There were no fees paid by the Plan for investment management services for the year ended December 31, 2017. Notes receivable from participants are also considered party-in-interest transactions.

The Plan invests in a Masco Corporation Common Stock Fund. As of December 31, 2017 and 2016, the value of the Masco Corporation Common Stock Fund was \$2,660,440 and \$1,887,286, respectively. For the year ended December 31, 2017, the Masco Corporation Common Stock Fund appreciated in value by \$734,856 and earned interest and dividend income of \$24,133.

H. RECONCILIATION OF PLAN'S FINANCIAL STATEMENTS TO FORM 5500

Participant loans are shown net of deemed distributions on the Form 5500.

The following is a reconciliation of net assets per the financial statements to the Form 5500:

| | As of December 31, | |
|--|-----------------------|-----------------------|
| | 2017 | 2016 |
| Net assets available for benefits per the financial statements | \$ 296,052,927 | \$ 249,166,427 |
| Less: Deemed distributions | 179,568 | 110,361 |
| Net assets per the Form 5500 | <u>\$ 295,873,359</u> | <u>\$ 249,056,066</u> |

The following is a reconciliation of the net increase in net assets available for benefits per the financial statements to net income per the Form 5500 for the year ended December 31:

| | 2017 |
|--|----------------------|
| Net increase in net assets available for benefits per the financial statements | \$ 48,398,147 |
| Less: Change in deemed distributions | 69,207 |
| Net income per the Form 5500 | <u>\$ 48,328,940</u> |

MASCO CORPORATION HOURLY 401(k) PLAN

SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

December 31, 2017

| (a) | (b) Identity of Issue, Borrower or Similar Party | (c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value and Number of Shares Outstanding | (d) Cost* | (e) Current Value |
|-----|---|--|--------------|----------------------|
| | Artisan Mid Cap Fund | Mutual fund | | |
| | - Institutional Class | 101,949 shares | \$ | 4,229,871 |
| | JP Morgan Mid Cap Value Fund | Mutual fund | | |
| | - Institutional Class | 192,381 shares | | 7,749,112 |
| | Vanguard Wellington Fund TM | Mutual fund | | |
| | - Admiral TM Shares | 333,525 shares | | 24,207,275 |
| | Dodge & Cox Stock Fund | Mutual fund | | |
| | | 30,574 shares | | 6,225,127 |
| | Harbor Capital Appreciation Fund | Mutual fund | | |
| | - Institutional Class | 280,395 shares | | 19,470,642 |
| ** | Fidelity® Extended Market Index Fund | Mutual fund | | |
| | - Premium Class | 9,677 shares | | 600,449 |
| ** | Fidelity® Institutional Money Market | Mutual fund | | |
| | Government Portfolio - Institutional Class | 24,331,724 shares | | 24,331,724 |
| ** | Fidelity® Independence Fund - Class K | Mutual fund | | |
| | | 282,656 shares | | 10,543,080 |
| ** | Fidelity® 500 Index Fund | Mutual fund | | |
| | - Institutional Class | 158,259 shares | | 14,789,286 |
| ** | Fidelity® 500 Index Institutional Fund | Mutual fund | | |
| | - Premium Class | 1 share | | 45 |
| ** | Fidelity® Emerging Markets Fund - Class K | Mutual fund | | |
| | | 93,293 shares | | 3,056,281 |
| ** | Fidelity® International Index Fund | Mutual fund | | |
| | - Institutional Class | 50,505 shares | | 2,180,844 |
| ** | Fidelity® U.S. Bond Index Fund | Mutual fund | | |
| | - Institutional Class | 227,860 shares | | 2,640,891 |
| | PIMCO Total Return Fund | Mutual Fund | | |
| | - Institutional Class | 59 shares | | 609 |
| ** | Fidelity® Diversified International | Collective trust fund | | |
| | Commingled Pool | 482,121 shares | | 6,286,858 |
| ** | Fidelity® Low-Priced Stock | Collective trust fund | | |
| | Commingled Pool | 486,111 shares | | 6,965,968 |
| ** | FIAM Small Capitalization Core | Collective trust fund | | |
| | Commingled Pool Class D | 25,529 shares | | 3,041,481 |
| ** | FIAM Target Date Income | Collective trust fund | | |
| | Commingled Pool Class X | 32,778 shares | | 452,004 |
| ** | FIAM Core Plus | Collective trust fund | | |
| | Commingled Pool Class K | 566,562 shares | | 11,246,252 |

MASCO CORPORATION HOURLY 401(k) PLAN

SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR), Concluded

December 31, 2017

| (a) | (b) Identity of Issue, Borrower or Similar Party | (c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value and Number of Shares Outstanding | (d) Cost* | (e) Current Value |
|-----|---|--|--------------|----------------------|
| ** | FIAM Target Date 2005 | Collective trust fund | | |
| | Commingled Pool Class X | 9,805 shares | | 145,512 |
| ** | FIAM Target Date 2010 | Collective trust fund | | |
| | Commingled Pool Class X | 69,777 shares | | 1,124,099 |
| ** | FIAM Target Date 2015 | Collective trust fund | | |
| | Commingled Pool Class X | 221,723 shares | | 3,636,255 |
| ** | FIAM Target Date 2020 | Collective trust fund | | |
| | Commingled Pool Class X | 866,128 shares | | 14,005,302 |
| ** | FIAM Target Date 2025 | Collective trust fund | | |
| | Commingled Pool Class X | 1,085,057 shares | | 18,315,767 |
| ** | FIAM Target Date 2030 | Collective trust fund | | |
| | Commingled Pool Class X | 1,330,865 shares | | 22,358,525 |
| ** | FIAM Target Date 2035 | Collective trust fund | | |
| | Commingled Pool Class X | 1,063,390 shares | | 18,588,051 |
| ** | FIAM Target Date 2040 | Collective trust fund | | |
| | Commingled Pool Class X | 828,766 shares | | 14,312,787 |
| ** | FIAM Target Date 2045 | Collective trust fund | | |
| | Commingled Pool Class X | 684,751 shares | | 11,887,271 |
| ** | FIAM Target Date 2050 | Collective trust fund | | |
| | Commingled Pool Class X | 432,851 shares | | 7,406,075 |
| ** | FIAM Target Date 2055 | Collective trust fund | | |
| | Commingled Pool Class X | 253,237 shares | | 4,646,898 |
| ** | FIAM Target Date 2060 | Collective trust fund | | |
| | Commingled Pool Class X | 177,380 shares | | 2,181,773 |
| ** | Masco Corporation Company Stock Fund | Stock fund | | |
| | | 60,547 shares | | 2,660,440 |
| | Fidelity BrokerageLink® | Brokerage account | | |
| | | 758,079 shares | | 758,079 |
| ** | Notes Receivable from Participants | Ranging 1-15 years maturity with Rates of Interest, 3.25% - 8.25% | | 20,966,793 |
| | | | | \$ 291,011,426 |

* Historical cost information is not required on the Schedule of Assets (Held at End of Year) for participant-directed investments.

** These investments are with a party-in-interest.

MASCO CORPORATION HOURLY 401(k) PLAN

SIGNATURE

The Plan . Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

Masco Corporation Hourly 401(k) Plan

By: Masco Corporation, Plan Administrator of the Masco Corporation Hourly 401(k) Plan

Date: June 8, 2018

By: /s/ John G. Sznewajs

John G. Sznewajs
Vice President, Chief Financial Officer
Authorized Signatory

MASCO CORPORATION HOURLY 401(k) PLAN

EXHIBIT INDEX

| Exhibit Number | Description |
|--------------------|---|
| 23 | Consent of Grant Thornton LLP relating to the Plan's financial statements |

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We have issued our report dated June 8, 2018, with respect to the financial statements and supplemental information included in the Annual Report of Masco Corporation Hourly 401(k) Plan on Form 11-K for the year ended December 31, 2017. We consent to the incorporation by reference of said report in the Registration Statements of Masco Corporation on Form S-8 (File No. 333-30867).

/s/ Grant Thornton LLP

Southfield, Michigan
June 8, 2018