

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 2016 This Form is Open to Public Inspection
---	--	---

Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</u>			
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 ☐ special extension (enter description)	☐ automatic extension ☐ the DFVC program

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>JOHNSON MATTHEY, INC. HOURLY 401(K) PLAN</u>	1b	Three-digit plan number (PN) ► <u>004</u>
		1c	Effective date of plan <u>01/01/1995</u>
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) <u>JOHNSON MATTHEY, INC.</u> <u>435 DEVON PARK DRIVE, SUITE 600</u> <u>WAYNE, PA 19087-1998</u>	2b	Employer Identification Number (EIN) <u>23-0411710</u>
		2c	Plan Sponsor's telephone number <u>610-971-3000</u>
		2d	Business code (see instructions) <u>331400</u>

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.	08/09/2017	TOM ADAIR
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	08/09/2017	KARIL BLACK WOLLITZ
	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
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN
	3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 420
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) 393
a(2) Total number of active participants at the end of the plan year	6a(2) 361
b Retired or separated participants receiving benefits.....	6b 1
c Other retired or separated participants entitled to future benefits	6c 35
d Subtotal. Add lines 6a(2) , 6b , and 6c	6d 397
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e 1
f Total. Add lines 6d and 6e	6f 398
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g 323
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 7
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
 2E 2G 2J 2K 3D

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

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

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

a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)
--	---

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 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 C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning **01/01/2016** and ending **12/31/2016**

A Name of plan JOHNSON MATTHEY, INC. HOURLY 401(K) PLAN	B Three-digit plan number (PN) ▶ 004
C Plan sponsor's name as shown on line 2a of Form 5500 JOHNSON MATTHEY, INC.	D Employer Identification Number (EIN) 23-0411710

Part I	Service Provider Information (see instructions)
---------------	--

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation T. ROWE PRICE RETIREMENT PLAN SVCS
--

52-1714114

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

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

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

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

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

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

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

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

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

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

(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)

MORGAN LEWIS AND BOCKIUS LLP

PO BOX 8500 S-6050
CITY OF INDUSTRY, CA 19178

(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?
29 50	LEGAL	10546	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 ☐

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	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 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</div> This Form is Open to Public Inspection.
---	--	---

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>JOHNSON MATTHEY, INC. HOURLY 401(K) PLAN</u>	B Three-digit plan number (PN) ►	<u>004</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>JOHNSON MATTHEY, INC.</u>	D Employer Identification Number (EIN) <u>23-0411710</u>	

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: <u>TRP STABLE VALUE FUND</u>		
b Name of sponsor of entity listed in (a): <u>T. ROWE PRICE TRUST COMPANY</u>		
c EIN-PN <u>52-1309931-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>3335409</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRIN DIVER REAL ASSET SEP ACC</u>		
b Name of sponsor of entity listed in (a): <u>PRINCIPAL LIFE INSURANCE COMPANY</u>		
c EIN-PN <u>42-0127290-123</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>25949</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>PRUDENTIAL CORE PLUS BOND FUND</u>		
b Name of sponsor of entity listed in (a): <u>PRUDENTIAL TRUST COMPANY</u>		
c EIN-PN <u>23-6994310-165</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>992230</u>
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)
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)
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)
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)

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)**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)**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)**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)**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)**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)**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)**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)**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)**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) <small>Internal Revenue Service</small> <small>Department of Labor</small> <small>Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2016 This Form is Open to Public Inspection
---	--	--

For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</u>		
A Name of plan <u>JOHNSON MATTHEY, INC. HOURLY 401(K) PLAN</u>	B Three-digit plan number (PN) ►	<u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>JOHNSON MATTHEY, INC.</u>	D Employer Identification Number (EIN) <u>23-0411710</u>	

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	8526	0
(2) Participant contributions	1b(2)	24207	0
(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)	554325	559119
(9) Value of interest in common/collective trusts	1c(9)	3344835	4353586
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	20882978	20064399
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	583827	563078
(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	25398698	25540182

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	25398698	25540182
---	-----------	----------	----------

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)	439395	
(B) Participants	2a(1)(B)	1290837	
(C) Others (including rollovers)	2a(1)(C)	42977	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1773209
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)	24775	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		24775
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	45824	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	705621	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		751445
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	118698	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	143623	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-24925
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	3760	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		3760

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		28331
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		363270
c Other income.....	2c		6172
d Total income. Add all income amounts in column (b) and enter total.....	2d		2926037

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2666632	
(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)		2666632
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		1196
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	14361	
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		14361
j Total expenses. Add all expense amounts in column (b) and enter total	2j		2682189

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		243848
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		102364

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) ☐ 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 ☐ No

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

(1) Name: BDO USA, LLP

(2) EIN: 13-5381590

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

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

Part IV Compliance Questions

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

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

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.)

	Yes	No	Amount
4a		X	
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		20000000
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			
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

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

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)
JOHNSON MATTHEY, INC. SALARIED EMPLOYEES SAVINGS INVESTMENT PLAN	23-0411710	003

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.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

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 2016 This Form is Open to Public Inspection.
---	---	--

For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>JOHNSON MATTHEY, INC. HOURLY 401(K) PLAN</u>	B Three-digit plan number (PN) ▶ <u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>JOHNSON MATTHEY, INC.</u>	D Employer Identification Number (EIN) <u>23-0411710</u>

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	<u>0</u>
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): <u>52-1714114</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

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

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☐ N/A

Part III	Amendments
-----------------	-------------------

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

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

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

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

Schedule R (Form 5500) 2016
v. 160205

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: <u>0.0</u> % 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): _____	

Part VII	IRS Compliance Questions
-----------------	---------------------------------

20a	Is the plan a 401(k) plan? If "No," skip b	☐ Yes	☐ No
20b	How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor	☐ "Prior year" ADP test
		☐ "Current year" ADP test	☐ N/A
21a	What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test	☐ Average benefit test ☐ N/A
21b	Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes	☐ No
22a	If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter ____ / ____ / ____ and the serial number _____.		
22b	If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter ____ / ____ / ____.		



Johnson Matthey Hourly 401(k) Plan

Financial Statements
and Supplemental Schedule
As of December 31, 2016 and 2015
and for the Year Ended December 31, 2016

Johnson Matthey Hourly 401(k) Plan

Financial Statements
and Supplemental Schedule
As of December 31, 2016 and 2015
and for the Year Ended December 31, 2016

Johnson Matthey Hourly 401(k) Plan

Contents

Independent Auditor's Report	3-4
-------------------------------------	-----

Financial Statements

Statements of Net Assets Available for Benefits as of December 31, 2016 and 2015	6
---	---

Statement of Changes in Net Assets Available for Benefits for the Year Ended December 31, 2016	7
---	---

Notes to Financial Statements	8-15
-------------------------------	------

Supplemental Schedule

Schedule of Assets (Held at End of Year) as of December 31, 2016	17
--	----



Tel: 215-564-1900
Fax: 215-564-3940
www.bdo.com

Ten Penn Center
1801 Market Street, Suite 1700
Philadelphia, PA 19103

Independent Auditor's Report

Plan Administrator
Johnson Matthey Hourly 401(k) Plan
Wayne, Pennsylvania

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the Johnson Matthey Hourly 401(k) Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statement of changes in net assets available for benefits for the year ended December 31, 2016, 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 accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the *Basis for Disclaimer of Opinion* paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by T. Rowe Price Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2016 and 2015, and for the year ended December 31, 2016, that the information provided to the plan administrator by the trustee is complete and accurate.



Disclaimer of Opinion

Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental schedule of assets (held at end of year) as of December 31, 2016 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

BDO USA, LLP

Philadelphia, Pennsylvania
August 9, 2017

Financial Statements

Johnson Matthey Hourly 401(k) Plan
Statements of Net Assets Available for Benefits

<i>December 31,</i>	2016	2015
Assets		
Investments		
Mutual funds	\$ 20,064,399	\$ 20,882,978
Common stock	563,078	583,827
Common/collective trust funds	4,353,586	3,342,178
Total Investments	24,981,063	24,808,983
Receivables		
Participant contributions	-	24,207
Employer contributions	-	8,526
Notes receivable from participants	565,197	559,207
Total Receivables	565,197	591,940
Net Assets Available for Benefits	\$ 25,546,260	\$ 25,400,923

See accompanying notes to financial statements.

Johnson Matthey Hourly 401(k) Plan

Statement of Changes in Net Assets Available for Benefits

Year ended December 31, 2016

Additions to (Deductions from) Net Assets

Investment income

Dividends

Mutual funds

\$ 705,621

Common/collective trust funds

42,329

Common stock

45,824

Net appreciation (depreciation) in fair value

Mutual funds

363,270

Common/collective trust funds

(11,341)

Common stock

(21,165)

Total Investment Income

1,124,538

Interest Income on Notes Receivable from Participants

24,775

Other Income

6,172

Contributions

Participant

1,290,837

Employer

439,395

Rollover

42,977

Total Contributions

1,773,209

Total Additions

2,928,694

Deductions

Benefits paid to participants and beneficiaries

2,666,632

Administrative expenses

14,361

Total Deductions

2,680,993

Net Increase

247,701

Transfer of Assets

(102,364)

Net Increase

145,337

Net Assets Available for Benefits, beginning of year

25,400,923

Net Assets Available for Benefits, end of year

\$ 25,546,260

See accompanying notes to financial statements.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

1. Description of Plan

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

General

The Plan is a defined contribution plan covering the hourly employees of Johnson Matthey Inc. (the "Company") who have three months of service and have elected to participate in the Plan. The Plan is subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

Contributions

Each year, participants may contribute up to 20% of their monthly pretax base compensation as defined in the Plan. The participant's maximum pretax contribution is limited as defined by the Internal Revenue Code ("IRC"). Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans and catch-up contributions for eligible participants.

The Company will match contributions under the Plan for employees who have completed one year of service in an amount equal to 50% of the first 6% of the employee's compensation.

Participant Accounts

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

Investment Options

Participants may direct the investment of their account balances into various investment options offered by the Plan.

The Plan allows participants to invest in Johnson Matthey PLC common stock, an employer security. A participant may direct up to 3% of elective deferrals to be invested in the employer security.

Vesting

Participants are credited with one year of service for each year employed (1,000 hours of service). Participants are always 100% vested in their pretax contributions and are fully vested in their employer contributions only after the completion of three years of credited service or upon retirement, death, or disability.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

Administrative Expenses

The Company pays some of the administrative costs of the Plan associated with professional services provided to the Plan, such as legal fees and accounting fees. Fees that are paid by the Company are excluded from these financial statements. Recordkeeping fees are paid by the Plan. If any redemption fees relating to investment transactions apply, those charges are paid from the participant's account on shares held less than 90 days.

Forfeitures

Forfeitures may be used to pay Plan expenses and to reduce future employer contributions. No forfeitures were used to pay administrative expenses during the Plan year ended 2016. At December 31, 2016 and 2015 forfeited non-vested accounts totaled \$3,747 and \$377, respectively.

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account and bear interest at rates that are commensurate with local borrowing rates. Current interest rates range from 4.25% to 4.50%. Loan repayments are made through payroll deductions over a period not to exceed five years, with the exception of loans for the purchase of a primary residence, which may have a longer term.

Payment of Benefits

Upon separation of service, death, disability, or retirement, a participant may elect to receive a lump-sum amount equal to the value of the participant's vested interest in his or her account, unless they elect to receive their benefits in the form of installments. Additionally, if the participant reaches the age 59½ or, under certain circumstances of financial hardship, the participant is allowed to withdraw funds from the Plan.

Other Income

Other income represents income from T. Rowe Price for the Administrative Budget account which may be used to pay Plan expenses or may be allocated to participants. During the plan year ending December 31, 2016, the Plan utilized \$14,393 from the Administrative Budget account to pay for certain plan expenses. At December 31, 2016 and 2015 the Administrative Budget account totaled \$2,352 and \$12,224, respectively.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared using the accrual basis of accounting.

Use of Estimates

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

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. The fair value is the amount 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 (the exit price).

Shares of mutual funds are valued at the net asset value ("NAV") of shares held by the Plan at year end. The Johnson Matthey PLC common stock is stated at fair value based upon a quoted market price. The investments in the common/collective trust funds are valued at NAV per unit, as determined by the trustee at year end. The NAV is used as the practical expedient to estimate fair value.

Investment transactions are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividend income, including capital gain distributions, is recorded on the ex-dividend date.

Securities traded in markets that are not considered active are valued based on quoted market prices, broker or dealer quotations, or alternative pricing sources with reasonable levels of price transparency. Securities that trade infrequently and, therefore, have little or no price transparency, are valued using the Plan record keeper's best estimate. Other than those matters described in Note 4, there are no restrictions or limitations on the withdrawal of other investments in the portfolio.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. No allowance for credit losses has been recorded as of December 31, 2016 or 2015. If a participant ceases to make loan repayments and the plan administrator deems the loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Payments of Benefits

Benefits are recorded when paid.

3. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as, interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

The Plan invests in mutual funds and common stock that invest in securities of foreign companies, which involve special risks and considerations not typically associated with investing in U.S. companies. These risks include devaluation of currencies, less reliable information about issuers, different securities transaction clearance and settlement practice, and possible adverse political and economic developments. Moreover, securities of many foreign companies and their markets may be less liquid and their prices more volatile than securities of comparable U.S. companies.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

4. Information Certified by the Plan's Trustee

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, T. Rowe Price Trust Company has certified that the following data included in the accompanying financial statements and supplemental schedule of assets (held at end of year) is complete and accurate:

<i>December 31,</i>	2016	2015
Mutual funds	\$ 20,064,399	\$ 20,882,978
Common/collective trust funds	4,353,586	3,342,178
Common stock	563,078	583,827
Notes receivable from participants	565,197	559,207

December 31, 2016

Interest and dividend income	\$ 793,774
Net appreciation in fair value of investments	330,764

The Plan's independent accountants did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements and supplemental schedule.

5. Fair Value Measurement

The Financial Accounting Standards Board, Accounting Standards Codification ("ASC") 820, *Fair Value Measurement* establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

Level 1 – Unadjusted quoted prices in active markets that are accessible at the measurement date for identical unrestricted assets or liabilities;

Level 2 – Quoted prices in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly;

Level 3 – Inputs that are unobservable and significant to the fair value measurement.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

For a description of the valuation methodologies used for assets measured at fair value, see Note 2. There have been no changes in the methodologies used at December 31, 2016 and 2015.

The valuation methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although 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 investment assets at fair value, as of December 31, 2016 and 2015:

Investment Assets at Fair Value at December 31, 2016				
Assets	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 19,706,469	\$ 357,930	\$ -	\$ 20,064,399
Common stock	-	563,078	-	563,078
Total investments at fair value	19,706,469	921,008	-	20,627,477
Common/collective trust funds*	-	-	-	4,353,586
Total Investments	\$ 19,706,469	\$ 921,008	\$ -	\$ 24,981,063

Investment Assets at Fair Value at December 31, 2015				
Assets	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 19,167,978	\$ 1,715,000	\$ -	\$ 20,882,978
Common stock	-	583,827	-	583,827
Total investments at fair value	19,167,978	2,298,827	-	21,466,805
Common/collective trust funds*	-	-	-	3,342,178
Total Investments	\$ 19,167,978	\$ 2,298,827	\$ -	\$ 24,808,983

*Certain investments for which fair value is measured using the NAV per share as the practical expedient have not been categorized within the fair value hierarchy. The fair value amounts presented in this table are intended to reconcile the fair value hierarchy to the amounts presented in the Statements of Net Assets Available for Benefits.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

Fair Value of Investments that Calculate Net Asset Value (NAV)

The following table summarizes investments measured at fair value based on NAV per share as of December 31, 2016 and 2015, respectively.

<i>December 31, 2016</i>	Fair Value	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Stable Value Fund (a)	\$ 3,335,408	N/A	Daily	12 or 30 months
Diversified Real Assets CIT (b)	25,949	N/A	Daily	Daily
Core Plus Bond Fund (c)	992,230	N/A	Daily	Daily

<i>December 31, 2015</i>	Fair Value	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Stable Value Fund (a)	\$ 3,342,178	N/A	Daily	12 or 30 months

(a) **Stable Value Fund** - The Plan has a common collective trust investment with the T. Rowe Price Stable Value Common Trust Fund (the "Fund"). The investment objective of the Fund is to invest in high-quality bonds with short-to intermediate-term maturities. The Fund may also purchase insurance contracts which aim to provide price stability on a day-to-day basis. The interest of each participating participant is represented by trust units. Trust units are issued and redeemed only on a valuation date and at the net asset value ("NAV") per unit computed on that date. Trust units may be redeemed on a daily basis to meet benefit payments and other participant initiated withdrawals for benefits, loans, or transfers to other investment options as permitted by retirement plans invested in the trust. Under the terms of the Fund's Declaration of Trust, retirement plans invested in the trust are required to provide either a 12 or 30 month advance written notice to the trustee prior to a full redemption of trust units. As of December 31, 2016, the Plan had not provided the Fund's trustee with advance written notice.

(b) **Diversified Real Asset CIT** - The Plan has a collective investment trust (the "DRA CIT"), with Principal Trust Company (the "Trustee"). The investment objective of the DRA CIT is to seek a long-term total return in excess of inflation. The Real Asset CIT invests 80% of the assets in inflation-indexed bonds, real estate investment trusts, commodity futures, fixed income securities, securities of natural resource companies, master limited partnerships, publically-listed infrastructure, and floating rate debt. The interest of each participating participant is represented by units. Withdrawals are permitted on any business day and are processed within a reasonable time, normally not to exceed 3 days. The Trustee will calculate the unit value applicable to each investment on each valuation date.

(c) **Core Plus Bond Fund** - The Plan is invested in the Core Plus Bond Fund (the "Bond Fund") through their participation in the Prudential Trust Company Collective Trust. The investment objective of the Bond Fund is outperform the Barclays US Aggregate Index Fund through an active sector rotation across the entire fixed income market. The Plan purchased units in the Bond Fund.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

6. Related Party and Party-In-Interest Transactions

Certain Plan investments are managed by an affiliate of T. Rowe Price Trust Company, the trustee of the Plan and, therefore, these transactions qualify as party-in-interest. Notes receivable from participants also qualify as party-in-interest transactions. All of these transactions are considered to be exempt party-in-interest transactions under ERISA.

At December 31, 2016 and 2015, the Plan had an investment option in the common stock of Johnson Matthey PLC, the parent company of Johnson Matthey Inc., totaling \$563,078 and \$583,827, respectively.

7. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100 percent vested in their accounts.

8. Tax Status

Effective April 15, 2016, the Plan adopted Thompson Hine LLP Volume Submitter Profit Sharing Plan with CODA, which received an opinion letter from the Internal Revenue Service ("IRS") dated March 31, 2014, stating that the Volume Submitter Plan was designed in accordance with the provisions of the Internal Revenue Code ("IRC"). The Plan has not been amended since adoption on April 15, 2016.

Prior to the adoption on April 15, 2016, the Plan received an opinion letter from the IRS dated March 31, 2008, stating the adopted Accudraft.com Inc. Prototype Non-Standardized Profit Sharing Plan with CODA was designed in accordance with the provisions of the IRC.

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 (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by federal, state and/or local taxing authorities. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Johnson Matthey Hourly 401(k) Plan

Notes to Financial Statements

9. Reconciliation of Financial Statements of Form 5500

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

<i>As of December 31,</i>	2016	2015
Total net assets per the financial statements	\$ 25,546,260	\$ 25,400,923
Adjustments from fair value to contract value for an investment in a common collective trust	-	2,657
Deemed distribution of participant loans	(6,078)	(4,882)
Net Assets Available for Benefits Per the Form 5500	\$ 25,540,182	\$ 25,398,698

The following is a reconciliation of total investment income per the financial statements to the Form 5500:

Year ended December 31, 2016

Total investment income per the financial statements	\$ 1,124,538
Less: Adjustments from fair value to contract value at December 31, 2015	(2,657)
Total Investment Income Per the Form 5500	\$ 1,121,881

The following is a reconciliation of total deductions per the financial statements to the Form 5500:

Year ended December 31, 2016

Total deductions per the financial statements	\$ 2,783,357
Less: Deemed distribution of participant loans at December 31, 2015	(4,882)
Add: Deemed distribution of participant loans at December 31, 2016	6,078
Total Deductions Per the Form 5500	\$ 2,784,553

10. Transfer of Assets

The Plan had one participant transfer from the Johnson Matthey Hourly 401(k) Plan to the Johnson Matthey Inc. Salaried Employees' Savings Investment Plan in 2016, which is a related party to the Plan. As a result of the transfer, Plan assets totaling \$102,364 were transferred out of the Plan. The transfer did not represent a partial plan termination.

11. Subsequent Events

The Plan has evaluated subsequent events through August 9, 2017, the date the financial statements were available to be issued.

Supplemental Schedule

Johnson Matthey Hourly 401(k) Plan

Schedule of Assets (Held at End of Year) as of December 31, 2016 Employer Identification Number 23-0411710 - Plan Number 004

(a)	(b)	(c)	(d)	(e)
Identity of Issue, Borrower, Lessor or Similar Party	Description of investment including maturity date, rate of interest, collateral, par or maturity value**	Cost	Current Value	
Principal Diversified Real Asset Trust	Common Collective Trust Unit	a \$	25,949	
Prudential Core Plus Bond Fund	Common Collective Trust Unit	a	992,230	
* Stable Value Common Trust Fund	Common Collective Trust Unit	a	3,335,408	
* Johnson Matthey PLC Stock	Common Stock Shares	a	563,078	
T. Rowe Price				
* Retirement 2005 Fund	Mutual fund shares	a	1,082	
* Retirement 2010 Fund	Mutual fund shares	a	123,056	
* Retirement 2015 Fund	Mutual fund shares	a	678,839	
* Retirement 2020 Fund	Mutual fund shares	a	3,130,863	
* Retirement 2025 Fund	Mutual fund shares	a	2,977,547	
* Retirement 2030 Fund	Mutual fund shares	a	1,963,624	
* Retirement 2035 Fund	Mutual fund shares	a	209,288	
* Retirement 2040 Fund	Mutual fund shares	a	548,166	
* Retirement 2045 Fund	Mutual fund shares	a	289,810	
* Retirement 2050 Fund	Mutual fund shares	a	253,458	
* Retirement 2055 Fund	Mutual fund shares	a	137,782	
* Retirement 2060 Fund	Mutual fund shares	a	554	
* Equity Income Fund	Mutual fund shares	a	1,750,403	
* Mid-Cap Growth Fund	Mutual fund shares	a	1,747,821	
* Blue Chip Growth Fund	Mutual fund shares	a	1,662,776	
* Small-Cap Value Fund	Mutual fund shares	a	1,056,405	
Vanguard Institutional Index Fund, Instl	Mutual fund shares	a	1,674,482	
Vanguard Treasury Money Market Fund, Inv	Mutual fund shares	a	2,352	
Vanguard Total Bond Market Index Fund, Adm	Mutual fund shares	a	709,441	
Vanguard Total Int'l Stock Index Fund, Adm	Mutual fund shares	a	414,427	
Vanguard Extended Market Index Fund, Adm	Mutual fund shares	a	374,291	
Lazard Int'l Strategic Equity Portfolio, Instl	Mutual fund shares	a	357,931	
* Participant loans	Loans to participants with interest rates ranging from 4.25% to 4.50%	-	565,197	
Total Assets			\$	25,546,260

a The cost of participant directed investments is not required to be disclosed.

* Represents a party-in-interest as defined by ERISA

** There is no maturity date, rate of interest, collateral, par or maturity value for the investments in the Plan, unless provided.

Johnson Matthey Hourly 401(k) Plan

Schedule of Assets (Held at End of Year) as of December 31, 2016 Employer Identification Number 23-0411710 - Plan Number 004

(a)	(b)	(c)	(d)	(e)
Identity of Issue, Borrower, Lessor or Similar Party	Description of investment including maturity date, rate of interest, collateral, par or maturity value**	Cost	Current Value	
Principal Diversified Real Asset Trust	Common Collective Trust Unit	a \$	25,949	
Prudential Core Plus Bond Fund	Common Collective Trust Unit	a	992,230	
* Stable Value Common Trust Fund	Common Collective Trust Unit	a	3,335,408	
* Johnson Matthey PLC Stock	Common Stock Shares	a	563,078	
T. Rowe Price				
* Retirement 2005 Fund	Mutual fund shares	a	1,082	
* Retirement 2010 Fund	Mutual fund shares	a	123,056	
* Retirement 2015 Fund	Mutual fund shares	a	678,839	
* Retirement 2020 Fund	Mutual fund shares	a	3,130,863	
* Retirement 2025 Fund	Mutual fund shares	a	2,977,547	
* Retirement 2030 Fund	Mutual fund shares	a	1,963,624	
* Retirement 2035 Fund	Mutual fund shares	a	209,288	
* Retirement 2040 Fund	Mutual fund shares	a	548,166	
* Retirement 2045 Fund	Mutual fund shares	a	289,810	
* Retirement 2050 Fund	Mutual fund shares	a	253,458	
* Retirement 2055 Fund	Mutual fund shares	a	137,782	
* Retirement 2060 Fund	Mutual fund shares	a	554	
* Equity Income Fund	Mutual fund shares	a	1,750,403	
* Mid-Cap Growth Fund	Mutual fund shares	a	1,747,821	
* Blue Chip Growth Fund	Mutual fund shares	a	1,662,776	
* Small-Cap Value Fund	Mutual fund shares	a	1,056,405	
Vanguard Institutional Index Fund, Instl	Mutual fund shares	a	1,674,482	
Vanguard Treasury Money Market Fund, Inv	Mutual fund shares	a	2,352	
Vanguard Total Bond Market Index Fund, Adm	Mutual fund shares	a	709,441	
Vanguard Total Int'l Stock Index Fund, Adm	Mutual fund shares	a	414,427	
Vanguard Extended Market Index Fund, Adm	Mutual fund shares	a	374,291	
Lazard Int'l Strategic Equity Portfolio, Instl	Mutual fund shares	a	357,931	
* Participant loans	Loans to participants with interest rates ranging from 4.25% to 4.50%	-	565,197	
Total Assets			\$	25,546,260

a The cost of participant directed investments is not required to be disclosed.

* Represents a party-in-interest as defined by ERISA

** There is no maturity date, rate of interest, collateral, par or maturity value for the investments in the Plan, unless provided.