

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 2017 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2017 or fiscal plan year beginning <u>09/01/2017</u> and ending <u>08/31/2018</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 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>A. SCHULMAN, INC. RETIREMENT PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>001</u>
		1c	Effective date of plan <u>09/01/1957</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>A. SCHULMAN, INC</u> <u>3637 RIDGEWOOD ROAD</u> <u>COPLEY, OH 44321</u>	2b	Employer Identification Number (EIN) <u>34-0514850</u>
		2c	Plan Sponsor's telephone number <u>330-666-3751</u>
		2d	Business code (see instructions) <u>326100</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.	06/14/2019	BECKI PATTERSON HOLMES
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	06/14/2019	BECKI PATTERSON HOLMES
	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

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

Form 5500 (2017)
v. 170203

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 or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 2368
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 1816 6a(2) 2014 6b 0 6c 734 6d 2748 6e 12 6f 2760 6g 2677 6h 0
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 2F 2H 2J 2K 2S 2T 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
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

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

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☐ **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 2017 Form M-1 annual report. If the plan was not required to file the 2017 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
		2017
		This Form is Open to Public Inspection.

For calendar plan year 2017 or fiscal plan year beginning 09/01/2017 and ending 08/31/2018		
A Name of plan A. SCHULMAN, INC. RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 A. SCHULMAN, INC	D Employer Identification Number (EIN) 34-0514850	

Part I	Service Provider Information (see instructions)
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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
AMERICAN CENTURY INVESTMENTS
44-6006315

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
AMERICAN FUNDS
95-1411037

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
DIAMOND HILL FUNDS
31-6547095

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
DODGE & COX
94-1441976

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

FEDERATED

25-1111467

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

JPMORGAN

13-2624428

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

MAINSTAY

52-2206685

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

BAIRD

39-6037917

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

PIMCO FUNDS

95-2632339

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

VANGUARD

23-1945930

(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)

WELLS FARGO BANK, N.A.

94-1347393

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 37 50 62 64	SERVICE PROVIDER	197703	Yes ☒ No ☐	Yes ☒ No ☐	0	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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection.
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For calendar plan year 2017 or fiscal plan year beginning 09/01/2017 and ending 08/31/2018

A Name of plan <u>A. SCHULMAN, INC. RETIREMENT PLAN</u>	B Three-digit plan number (PN)	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>A. SCHULMAN, INC</u>	D Employer Identification Number (EIN) <u>34-0514850</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)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>WELLS FARGO STABLE RETURN FUND F</u>		
b Name of sponsor of entity listed in (a): <u>WELLS FARGO BANK, N.A.</u>		
c EIN-PN <u>46-6933767-001</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>9019899</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>W.F./BLACKROCK S&P MIDCAP IND CIT F</u>		
b Name of sponsor of entity listed in (a): <u>WELLS FARGO BANK, N.A.</u>		
c EIN-PN <u>52-2265235-001</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>1923920</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>W.F./BLACKROCK S&P 500 INDEX CIT F</u>		
b Name of sponsor of entity listed in (a): <u>WELLS FARGO BANK, N.A.</u>		
c EIN-PN <u>94-3224211-001</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>6063116</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>WELLS FARGO/MFS VALUE CIT F</u>		
b Name of sponsor of entity listed in (a): <u>WELLS FARGO BANK, N.A.</u>		
c EIN-PN <u>45-6648640-001</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>3838248</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
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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
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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
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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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
For calendar plan year 2017 or fiscal plan year beginning <u>09/01/2017</u> and ending <u>08/31/2018</u>		
A Name of plan <u>A. SCHULMAN, INC. RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>A. SCHULMAN, INC</u>	D Employer Identification Number (EIN) <u>34-0514850</u>	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
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	Total noninterest-bearing cash	1a	10	3
b	Receivables (less allowance for doubtful accounts):			
	(1) Employer contributions	1b(1)		
	(2) Participant contributions	1b(2)		
	(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)	2700359	3035545
	(9) Value of interest in common/collective trusts.....	1c(9)	19133732	20845183
	(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)	71777209	84590984
	(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
	(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities	1d(1) 1304387	
(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 94915697	108471715
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 94915697	108471715

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.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A) 4823153	
	(B) Participants	2a(1)(B) 6781821	
	(C) Others (including rollovers)	2a(1)(C) 239663	
(2)	Noncash contributions	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	11844637
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) 142648	
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	142648
(2)	Dividends: (A) Preferred stock	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C) 845562	
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	845562
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A) 1819983	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B) 1304418	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	515565
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		1804103
(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)		6427261
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		1
c Other income.....	2c		1453
d Total income. Add all income amounts in column (b) and enter total.....	2d		21581230

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	7911809	
(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)		7911809
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		40385
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	197703	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		197703
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		8149897

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		13431333
l Transfers of assets:			
(1) To this plan.....	2l(1)		124685
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ 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: BOBER, MARKEY, FEDOROVICH & CO.

(2) EIN: 34-1523030

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		244255
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		5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m	X		
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n	X		

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

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

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

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection.
For calendar plan year 2017 or fiscal plan year beginning 09/01/2017 and ending 08/31/2018		
A Name of plan A. SCHULMAN, INC. RETIREMENT PLAN		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 A. SCHULMAN, INC		D Employer Identification Number (EIN) 34-0514850
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 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 41-6257133		
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) 2017 v. 170203		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

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

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

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

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

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

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

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

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

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

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

- a** Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%
- b** Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more
- c** What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

June 14, 2019

To the Plan Administrator and the Investment Committee
A. Schulman, Inc. Retirement Plan
3637 Ridgewood Road
Fairlawn, Ohio 44333

We have conducted a Department of Labor ("DOL") limited-scope audit of the financial statements of the A. Schulman, Inc. Retirement Plan (the "Plan") for the year ended December 31, 2018, and we will issue our report thereon dated June 14, 2019. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), 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 to those financial statements. Because of the significance of the information that we did not audit, we are unable to, and have not, expressed an opinion on those financial statements and supplemental schedules as a whole. We did, however, audit the form and content of the information included in the financial statements and supplemental schedules, other than that derived from the information certified by the trustee, in accordance with auditing standards generally accepted in the United States of America and found them to be presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated October 8, 2018. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Plan are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2018. We noted no transactions entered into by the Plan during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There were no significant estimates affecting the financial statements.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no corrected adjustments noted for the year ended August 31, 2018. Management elected to record an allowance for uncollectible participant loans in the amount of \$76,814.

Disagreements with Management

For the purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated June 14, 2019.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Plan's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Plan's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

With respect to the supplementary information accompanying the financial statements, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the DOL's Rules and Regulations for Reporting and

Disclosure under ERISA, the method of preparing it had not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

This information is intended solely for the use of Board of Directors, Investment Committee, and management of the Plan and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink, reading "Bober, Markey, Fedorovich & Company". The signature is written in a cursive, flowing style.

BOBER, MARKEY, FEDOROVICH & COMPANY
Akron, Ohio

A. SCHULMAN, INC. RETIREMENT PLAN

FINANCIAL STATEMENTS AND
SUPPLEMENTARY INFORMATION

August 31, 2018 and 2017

A. SCHULMAN, INC. RETIREMENT PLAN
ANNUAL REPORT INDEX
August 31, 2018 and 2017

The following financial statements and other information of A. Schulman, Inc. Retirement Plan are included herewith:

- Statements of Net Assets Available for Benefits as of August 31, 2018 and 2017;
- Statement of Changes in Net Assets Available for Benefits for the year ended August 31, 2018;
- Notes to Financial Statements.

The following supplemental schedules of A. Schulman, Inc. Retirement Plan included in the Annual Report of the Plan on Form 5500 file with the Department of Labor as of and for the year ended August 31, 2018 are included herewith:

- Schedule H, Line 4a – Schedule of Delinquent Participant Contributions
- Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

All other supplemental schedules and notes for which provisions are made in the applicable rules and regulations of the Department of Labor are not required under the related instructions or are inapplicable and, therefore, have been omitted.

A. SCHULMAN, INC. RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

To the Participants and Administrator of the
A. Schulman, Inc. Retirement Plan
Fairlawn, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements (modified cash basis) of A. Schulman, Inc. Retirement Plan (the "Plan"), which comprise the statements of net assets available for benefits as of August 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended August 31, 2018, 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 the modified cash basis of accounting as described in Note 2; this includes determining that the modified cash basis of accounting is an acceptable basis for preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with the modified cash basis of accounting. 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 ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), 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 Wells Fargo Bank, N.A., the Trustee of the Plan, except for comparing the 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 August 31, 2018 and 2017, and for the year ended August 31, 2018, 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.

Basis of Accounting

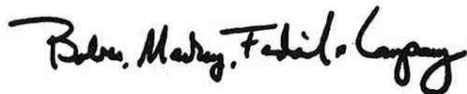
We draw attention to Note 2 to the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion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

Other Matter

The supplemental schedules, Schedule H Line 4a – Schedule of Delinquent Participant Contributions for the year ended August 31, 2018, and Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of August 31, 2018, are required by the DOL's Rules and Regulations for Reporting and Disclosure under the ERISA and are presented for the purpose of additional analysis and are 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 the supplemental schedules.

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 schedules, 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.



BOBER, MARKEY, FEDOROVICH & COMPANY
Akron, Ohio

June 14, 2019

A. SCHULMAN, INC. RETIREMENT PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS -
MODIFIED CASH BASIS
August 31, 2018 and 2017

	<u>2018</u>	<u>2017</u>
ASSETS		
Investments, at fair value	\$ 105,436,167	\$ 92,215,328
Notes receivable from participants	3,112,359	2,736,788
Cash	<u>3</u>	<u>10</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 108,548,529</u>	<u>\$ 94,952,126</u>

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

A. SCHULMAN, INC. RETIREMENT PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS -
MODIFIED CASH BASIS
For the Year Ended August 31, 2018

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

Investment income:	
Net appreciation in fair value of investments	\$ 8,746,930
Dividend income	845,562
	<u>9,592,492</u>
Interest income on notes receivable from participants	142,648
Contributions:	
Contributions from A. Schulman, Inc.	4,823,153
Contributions from employees	6,781,821
Rollover contributions	239,663
	<u>11,844,637</u>
Other income	<u>1,453</u>
TOTAL ADDITIONS	21,581,230
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:	
Benefits paid to participants or their beneficiaries	7,911,809
Administrative expenses	197,703
	<u>8,109,512</u>
TOTAL DEDUCTIONS	8,109,512
NET INCREASE, PRIOR TO TRANSFER	13,471,718
TRANSFER OF NET ASSETS INTO THE PLAN	<u>124,685</u>
NET INCREASE	13,596,403
NET ASSETS AVAILABLE FOR BENEFITS:	
BEGINNING OF YEAR	<u>94,952,126</u>
END OF YEAR	<u><u>\$ 108,548,529</u></u>

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

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

NOTE 1 – DESCRIPTION OF THE PLAN

The following brief description of the A. Schulman, Inc. Retirement Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

General

The Plan is a defined contribution 401(k) Plan that provides retirement savings benefits to all salaried and hourly non-bargaining employees of A. Schulman, Inc. (the “Company”) through tax deferred voluntary contributions by employees and discretionary contributions by the Company. The Plan covers all salaried employees of the Company. Employees are eligible to participate in the Plan on the first day of the first pay period immediately following date of hire. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended. A. Schulman, Inc. was acquired by LyondellBasell Industries N.V. on August 21, 2018 in a stock sale. Participants of the Plan remain employees of A. Schulman, Inc. and the Plan continues to serve the employees.

Employee Contributions

The Plan provides for pre-tax contributions by participants through payroll deduction. Participants who are at least 50 years of age can elect to defer an additional “catch-up” contribution of up to \$6,000 annually for 2018.

All employees are automatically enrolled at a 3% contribution rate unless an election to opt-out of the automatic enrollment is made by the employee. Deferral rates for employees automatically enrolled increase 1% per year to a maximum of 7%.

Employer Contributions

The Company makes a safe harbor contribution to the safe harbor account of each active participant based on a percentage of the participant’s compensation. Contributions are calculated for each payroll period and payment is made within a reasonable time after each payroll period. The Company shall make safe harbor contributions in an amount equal to 100% of the participant’s elective deferrals that do not exceed 5% of a participant’s compensation.

Also, the Company may make a discretionary profit sharing contribution equal to an amount determined by the Board of Directors of the Company. Contributions are allocated by Wells Fargo Bank, N.A. (the “Trustee”) among participants based upon each individual participant’s defined compensation in relation to the total defined compensation paid to all participating employees. Allocation of contributions may not exceed certain limits imposed by the Internal Revenue Service (“IRS”). There were no discretionary profit sharing contributions for the Plan year ended August 31, 2018.

Participant Accounts

The allocation of a participant’s contributions to the investment funds is selected by the participant and may be changed daily. Participants may also elect to have all, or a portion of their prior contributions transferred between any of the available investment funds. Participants may change or suspend their contribution percentage.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Each participant's account is increased, or decreased as appropriate, with (a) the participant's contribution, (b) the Company's safe harbor contribution, including any additional discretionary profit sharing contribution, (c) net investment earnings based on the participant's account balance and composition, (d) administrative expenses, and (e) benefit payments. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are fully vested in all employee and safe harbor contributions. Vesting of profit-sharing and discretionary contributions occurs over a six-year period for Company employees.

Forfeitures

The non-vested portion of the profit-sharing contributions for all terminated employees are used to reduce the Plan Sponsor's contributions or to pay Plan expenses. At August 31, 2018 and 2017, accumulated forfeitures amounted to \$104,589 and \$101,649, respectively. Forfeitures totaling \$163 were used to pay plan expenses for the year ended August 31, 2018.

Payment of Benefits

Upon termination of service or upon reaching age 59-1/2, a participant may elect to receive the value of his or her account in the form of a cash withdrawal, a direct rollover, or a distribution in the form of an annuity. Prior to age 59-1/2, an active employee may withdraw before-tax deposits only under certain hardship conditions as defined in the Plan document. Benefit claims are recognized as deductions from the Plan when they have been approved for payment and paid.

The Trustee determines the amount of benefits to be paid in accordance with the terms of the Plan. Mandatory payouts are required to commence no later than April 1 of the calendar year following the calendar year when a participant attains the age of 70-1/2.

The Plan allows for automatic distributions upon termination of service for participants with vested account balances less than \$5,000. If the vested account balance is greater than \$1,000, but less than \$5,000, the balance will be involuntarily distributed through direct rollover into a qualified Individual Retirement Account unless the participant requests a lump sum distribution.

Notes Receivable from Participants

In connection with various acquisitions by the Plan Sponsor, borrowings initiated under former plans have been rolled over into the Plan. The Plan allows for participants to borrow the lesser of \$1,000 up to a maximum of \$50,000, or 50% of their vested account balance. Loan terms range from 1 to 5 years or up to 15 years for the purchase of a primary residence. The loans initiated under the Plan are secured by the balance in the participant's account and bear interest at a rate of the current prime lending rate plus 1%. The rollover loans bear interest at rates ranging from 4.25% to 9.25%. Principal and interest are paid ratably through payroll deductions.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Notes are delinquent when payments are missed. If the note is not paid up-to-date by the end of the calendar quarter, after the calendar quarter in which a payment is first delinquent, the note will be in default. In that event, the entire outstanding note balance, consisting of the missed payments, remaining principal, and all unpaid interest, will be reported to the IRS as taxable income to the participant. If a note has not been fully repaid by the end of its term, the outstanding balance will be treated as a deemed distribution and will be reported to the IRS as taxable income to the participant.

Administrative Expenses

The Company has elected to pay certain fees and expenses related to the operation of the Plan. Certain investment management fees, brokerage commissions and sweep fees are paid directly by the Plan.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to amend or discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of termination, all participants would be fully vested and, after payment of any liabilities of the Plan, the amounts allocated to the individual participant's accounts would be paid to them.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accounts of the Plan are maintained on the modified cash basis, which reflects cash receipts and disbursements except for increases or decreases in the fair value of investments which are recognized currently. The accounts exclude expenses incurred but not paid and accruals for dividends and interest earned but not received. The modified cash basis is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America.

Use of Estimates

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

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value at August 31, 2018 and 2017. Gains and losses on investments that were purchased, sold or held during the period are included in net depreciation in fair value.

Investment income consists of dividend income. The net appreciation (depreciation) in the fair value of investments consists of realized gains or losses and the unrealized appreciation (depreciation) on those investments. Dividend income is recognized when received. Purchases and sales of securities are recorded on a trade-date basis. Realized gains and losses from security transactions are reported based on historical cost.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Notes Receivable from Participants

Notes receivable from Plan participants are measured at their unpaid principal balance plus accrued interest.

Payment of Benefits

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through June 14, 2019, the date the financial statements were available to be issued.

NOTE 3 – FINANCIAL DATA CERTIFIED BY THE TRUSTEE

The following is a summary of the unaudited information regarding the Plan included in the Plan's financial statements, which was prepared by the Trustee, as of August 31, 2018 and 2017 and for the year ended August 31, 2018, and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the Trustee as of August 31, 2018 and 2017 and for the year ended August 31, 2018, that such information is complete and accurate.

	2018	2017
Cash	\$ 3	\$ 10
Investments, at fair value	\$ 105,436,167	\$ 92,215,328
Notes receivable from participants	\$ 3,112,359	\$ 2,736,788
Dividend income	\$ 845,562	\$ 972,015
Interest income on notes receivable from participants	\$ 142,648	\$ 107,576
Net appreciation in fair value of investments	\$ 8,746,930	\$ 7,005,401

NOTE 4 – INVESTMENTS

Former ICO Plan participants may have amounts invested in the A. Schulman Company Stock Fund (the "Fund"). This Fund was created in May 2010, when shares of the ICO Unitized Pool Stock Fund were exchanged for shares of A. Schulman common stock. This transaction occurred in the former ICO 401(k) Plan prior to the transfer of assets into the Plan. This investment is not an investment option for participants for contributions to the Plan. At any time, the participant may transfer all or a portion of the account balance invested into the other funds available under the Plan, without restriction. However, the participant cannot transfer any portion back into the Fund or make new contributions to it.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Fair Value Measurements

Fair value is a market-based measurement that is determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, the Company uses a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

- Level 1 – Valuation is based upon quoted prices (unadjusted) for identical assets or liabilities in active markets;
- Level 2 – Valuation is based upon quoted prices for similar assets or liabilities in active markets, or other inputs that are observable for the asset or liability, either directly or indirectly for substantially the full term of the financial instrument; and
- Level 3 – Valuation is based upon other unobservable inputs that are significant to the fair value measurement.

The classification of fair value measurements within the hierarchy is based upon the lowest level of input that is significant to the measurement. Investments that were measured at net asset value (“NAV”) per share are not classified in the fair value hierarchy. The fair value amounts presented in the below tables are intended to permit reconciliation of the fair value hierarchy to total investments at fair value. Valuation methodologies used for assets measured at fair value are as follows:

- Mutual funds: Valued at fair value as determined by quoted market prices on active markets.
- Common stock fund: Valued based on the underlying investments within the fund which comprise of A. Schulman common stock and cash equivalents.
- Common collective trusts: Valued at the respective net asset value as reported by such trusts, which is a quoted price in a market that is not active.

The methods described above may produce a fair value calculation that may not be indicative of the 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.

	2018			
	Level 1	Level 2	Level 3	Total
Common collective trusts	\$ -	\$ 11,825,284	\$ -	\$ 11,825,284
Mutual funds	84,590,984	-	-	84,590,984
Total investments in the hierarchy	<u>\$ 84,590,984</u>	<u>\$ 11,825,284</u>	<u>\$ -</u>	96,416,268
Investment measured at fair value using NAV as a practical expedient:				
Common collective trust - stable value fund				9,019,899
Total investments at fair value				<u>\$105,436,167</u>

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

	2017			
	Level 1	Level 2	Level 3	Total
Common stock fund	\$ -	\$ 1,304,387	\$ -	\$ 1,304,387
Common collective trusts	-	9,930,350	-	9,930,350
Mutual funds	71,777,209	-	-	71,777,209
Total investments in the hierarchy	\$ 71,777,209	\$ 11,234,737	\$ -	83,011,946
Investment measured at fair value using NAV as a practical expedient:				
Common collective trust - stable value fund				9,203,382
Total investments at fair value				\$ 92,215,328

Units of the Plan's investment in the common collective trust – stable value fund may be redeemed daily and require 12 months written notice of the intent of the Plan Sponsor to withdraw assets from the fund. There are no unfunded commitments related to the fund.

NOTE 5 – TRANSACTIONS WITH PARTIES IN INTEREST

The Trustee serves as the fund manager for a portion of the Plan assets. Trustee administrative expenses amounted to \$197,703 for the year ended August 31, 2018.

The Plan owned 36,080 shares of the A. Schulman, Inc. Company Stock Fund valued at \$1,304,387 as of August 31, 2017. All 31,906 remaining shares of the A. Schulman, Inc. Company Stock Fund were sold on August 24, 2018 as part of the acquisition of the Plan Sponsor.

NOTE 6 – TAX STATUS OF THE TRUST

Effective September 1, 2014, the Plan adopted a non-standardized form of a prototype plan sponsored by the Trustee. The prototype plan has received an opinion letter from the IRS as to the prototype plan's qualified status. The prototype plan opinion letter has been relied upon by this Plan. The Plan has been amended since adoption. The Plan administrator believes the Plan is designed and is being operated in compliance with the applicable provisions of the Internal Revenue Code.

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 organization has taken an uncertain tax position that more likely than not would be sustained upon examination by taxing authorities. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of August 31, 2018, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

NOTE 7 – CONTINGENT VALUATION RIGHTS

On August 21, 2018, the plan sponsor, A. Schulman Inc., was acquired by LyondellBasell Industries N.V. As part of the transaction, all shares in the A Shulman Company Stock Fund were redeemed. Additionally, attached to these shares were contingent valuation rights (“CVR”) related to pending litigation at the closing date. As of August 31, 2018, the full amount of CVR could not be estimated. The total amount of CVR related to the A. Schulman Company Stock Fund collected to date subsequent to August 31, 2018 is \$54,950.

NOTE 8 – LATE PARTICIPANT CONTRIBUTIONS

During 2018, the Company failed to timely remit participant employee contributions and participant loan repayments to the Plan on a timely basis. Such late remittances totaled \$244,255 for the year ended August 31, 2018. The Company corrected this issue during 2019.

NOTE 9 – RECONCILIATION OF FINANCIAL STATEMENTS TO SCHEDULE H OF FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statement to the Form 5500 as of August 31:

	<u>2018</u>	<u>2017</u>
Net assets available for benefits per financial statements	\$ 108,548,529	\$ 94,952,126
Deemed distributions	<u>(76,814)</u>	<u>(36,429)</u>
Net assets per Form 5500	<u><u>\$ 108,471,715</u></u>	<u><u>\$ 94,915,697</u></u>

The following is a reconciliation of the change in net assets available for benefits per the financial statement to the Form 5500 as of August 31, 2018:

Net income per Form 5500	\$ 13,431,333
Change in deemed distributions	<u>40,385</u>
Increase in net assets, prior to transfer, per financial statements	<u><u>\$ 13,471,718</u></u>

A. SCHULMAN, INC. RETIREMENT PLAN
SCHEDULE H, 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
For the Year Ended August 31, 2018
EIN #34-0514850 Plan #001

Participant Contributions
Transferred Late to Plan

Check here if Late
Participant Loan
Repayments are
included: ☒

		Total that Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
		Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
\$	244,255	\$ 244,255	\$ -	\$ -	\$ -

A. SCHULMAN, INC. RETIREMENT PLAN
SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
August 31, 2018
EIN #34-0514850 Plan #001

(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
*	Wells Fargo S&P MidCap Index Fund F	Common Collective Trust	**	\$ 1,923,920
*	Wells Fargo Stable Return Fund F	Common Collective Trust	**	9,019,899
*	Wells Fargo S&P 500 Index Fund F	Common Collective Trust	**	6,063,116
*	Wells Fargo MFS Value Fund F	Common Collective Trust	**	3,838,248
	American Century Heritage Fund R6	Mutual Funds	**	3,247,838
	American Funds EuroPacific Growth R6	Mutual Funds	**	2,019,073
	American Balanced Fund R6	Mutual Funds	**	2,557,437
	Diamond Hill Small/Mid Cap Fund Y	Mutual Funds	**	1,667,529
	Dodge & Cox International Stock Fund	Mutual Funds	**	2,398,225
	Federated U.S. Govt: 2-5 YRS	Mutual Funds	**	1,179,568
	JP Morgan Small Cap Equity Fund R5	Mutual Funds	**	2,984,236
	MainStay Large Cap Growth Fund R6	Mutual Funds	**	5,524,942
	PIMCO Real Return Fund	Mutual Funds	**	444,085
	Vanguard Total BD Market Index ADM	Mutual Funds	**	543,137
	Vanguard Dividend Growth Fund	Mutual Funds	**	3,632,728
	Vanguard Small Cap Index Fund ADM	Mutual Funds	**	2,450,662
	Baird Core Bond Fund	Mutual Funds	**	3,342,272
*	Wells Fargo DJ Target 2010 R6	Mutual Funds	**	261,939
*	Wells Fargo DJ Target 2015 R6	Mutual Funds	**	2,501,047
*	Wells Fargo DJ Target 2020 R6	Mutual Funds	**	4,977,355
*	Wells Fargo DJ Target 2025 R6	Mutual Funds	**	12,855,332
*	Wells Fargo DJ Target 2030 R6	Mutual Funds	**	6,806,888
*	Wells Fargo DJ Target 2035 R6	Mutual Funds	**	10,624,656
*	Wells Fargo DJ Target 2040 R6	Mutual Funds	**	4,038,420
*	Wells Fargo DJ Target 2045 R6	Mutual Funds	**	4,542,367
*	Wells Fargo DJ Target 2050 R6	Mutual Funds	**	3,484,987
*	Wells Fargo DJ Target 2055 R6	Mutual Funds	**	1,782,537
*	Wells Fargo DJ Target 2060 R6	Mutual Funds	**	376,844
*	Wells Fargo DJ Target Today R6	Mutual Funds	**	346,880
				105,436,167
		Loans with interest rates ranging from		
*	Notes receivable from participants	4.25% to 9.25%	\$ -	3,112,359
				\$ 108,548,526

* Denotes party-in-interest as defined by ERISA.

** Information is not required pursuant to Form 5500 instructions.

June 14, 2019

To the Plan Administrator and the Investment Committee
A. Schulman, Inc. Retirement Plan
3637 Ridgewood Road
Fairlawn, Ohio 44333

We have conducted a Department of Labor ("DOL") limited-scope audit of the financial statements of the A. Schulman, Inc. Retirement Plan (the "Plan") for the year ended December 31, 2018, and we will issue our report thereon dated June 14, 2019. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), 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 to those financial statements. Because of the significance of the information that we did not audit, we are unable to, and have not, expressed an opinion on those financial statements and supplemental schedules as a whole. We did, however, audit the form and content of the information included in the financial statements and supplemental schedules, other than that derived from the information certified by the trustee, in accordance with auditing standards generally accepted in the United States of America and found them to be presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated October 8, 2018. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Plan are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2018. We noted no transactions entered into by the Plan during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There were no significant estimates affecting the financial statements.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no corrected adjustments noted for the year ended August 31, 2018. Management elected to record an allowance for uncollectible participant loans in the amount of \$76,814.

Disagreements with Management

For the purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated June 14, 2019.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Plan's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Plan's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

With respect to the supplementary information accompanying the financial statements, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the DOL's Rules and Regulations for Reporting and

Disclosure under ERISA, the method of preparing it had not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

This information is intended solely for the use of Board of Directors, Investment Committee, and management of the Plan and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink, reading "Bober, Markey, Fedorovich & Company". The signature is written in a cursive, flowing style.

BOBER, MARKEY, FEDOROVICH & COMPANY
Akron, Ohio

A. SCHULMAN, INC. RETIREMENT PLAN

FINANCIAL STATEMENTS AND
SUPPLEMENTARY INFORMATION

August 31, 2018 and 2017

A. SCHULMAN, INC. RETIREMENT PLAN
ANNUAL REPORT INDEX
August 31, 2018 and 2017

The following financial statements and other information of A. Schulman, Inc. Retirement Plan are included herewith:

- Statements of Net Assets Available for Benefits as of August 31, 2018 and 2017;
- Statement of Changes in Net Assets Available for Benefits for the year ended August 31, 2018;
- Notes to Financial Statements.

The following supplemental schedules of A. Schulman, Inc. Retirement Plan included in the Annual Report of the Plan on Form 5500 file with the Department of Labor as of and for the year ended August 31, 2018 are included herewith:

- Schedule H, Line 4a – Schedule of Delinquent Participant Contributions
- Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

All other supplemental schedules and notes for which provisions are made in the applicable rules and regulations of the Department of Labor are not required under the related instructions or are inapplicable and, therefore, have been omitted.

A. SCHULMAN, INC. RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

To the Participants and Administrator of the
A. Schulman, Inc. Retirement Plan
Fairlawn, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements (modified cash basis) of A. Schulman, Inc. Retirement Plan (the "Plan"), which comprise the statements of net assets available for benefits as of August 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended August 31, 2018, 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 the modified cash basis of accounting as described in Note 2; this includes determining that the modified cash basis of accounting is an acceptable basis for preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with the modified cash basis of accounting. 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 ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), 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 Wells Fargo Bank, N.A., the Trustee of the Plan, except for comparing the 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 August 31, 2018 and 2017, and for the year ended August 31, 2018, 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.

Basis of Accounting

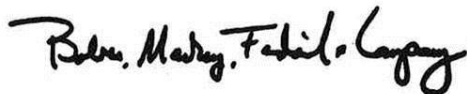
We draw attention to Note 2 to the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion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

Other Matter

The supplemental schedules, Schedule H Line 4a – Schedule of Delinquent Participant Contributions for the year ended August 31, 2018, and Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of August 31, 2018, are required by the DOL's Rules and Regulations for Reporting and Disclosure under the ERISA and are presented for the purpose of additional analysis and are 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 the supplemental schedules.

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 schedules, 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.



BOBER, MARKEY, FEDOROVICH & COMPANY
Akron, Ohio

June 14, 2019

A. SCHULMAN, INC. RETIREMENT PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS -
MODIFIED CASH BASIS
August 31, 2018 and 2017

	<u>2018</u>	<u>2017</u>
ASSETS		
Investments, at fair value	\$ 105,436,167	\$ 92,215,328
Notes receivable from participants	3,112,359	2,736,788
Cash	<u>3</u>	<u>10</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 108,548,529</u>	<u>\$ 94,952,126</u>

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

A. SCHULMAN, INC. RETIREMENT PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS -
MODIFIED CASH BASIS
For the Year Ended August 31, 2018

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

Investment income:	
Net appreciation in fair value of investments	\$ 8,746,930
Dividend income	845,562
	<u>9,592,492</u>
Interest income on notes receivable from participants	142,648
Contributions:	
Contributions from A. Schulman, Inc.	4,823,153
Contributions from employees	6,781,821
Rollover contributions	239,663
	<u>11,844,637</u>
Other income	<u>1,453</u>
TOTAL ADDITIONS	21,581,230
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:	
Benefits paid to participants or their beneficiaries	7,911,809
Administrative expenses	197,703
	<u>8,109,512</u>
TOTAL DEDUCTIONS	8,109,512
NET INCREASE, PRIOR TO TRANSFER	13,471,718
TRANSFER OF NET ASSETS INTO THE PLAN	<u>124,685</u>
NET INCREASE	13,596,403
NET ASSETS AVAILABLE FOR BENEFITS:	
BEGINNING OF YEAR	<u>94,952,126</u>
END OF YEAR	<u><u>\$ 108,548,529</u></u>

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

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

NOTE 1 – DESCRIPTION OF THE PLAN

The following brief description of the A. Schulman, Inc. Retirement Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

General

The Plan is a defined contribution 401(k) Plan that provides retirement savings benefits to all salaried and hourly non-bargaining employees of A. Schulman, Inc. (the “Company”) through tax deferred voluntary contributions by employees and discretionary contributions by the Company. The Plan covers all salaried employees of the Company. Employees are eligible to participate in the Plan on the first day of the first pay period immediately following date of hire. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended. A. Schulman, Inc. was acquired by LyondellBasell Industries N.V. on August 21, 2018 in a stock sale. Participants of the Plan remain employees of A. Schulman, Inc. and the Plan continues to serve the employees.

Employee Contributions

The Plan provides for pre-tax contributions by participants through payroll deduction. Participants who are at least 50 years of age can elect to defer an additional “catch-up” contribution of up to \$6,000 annually for 2018.

All employees are automatically enrolled at a 3% contribution rate unless an election to opt-out of the automatic enrollment is made by the employee. Deferral rates for employees automatically enrolled increase 1% per year to a maximum of 7%.

Employer Contributions

The Company makes a safe harbor contribution to the safe harbor account of each active participant based on a percentage of the participant’s compensation. Contributions are calculated for each payroll period and payment is made within a reasonable time after each payroll period. The Company shall make safe harbor contributions in an amount equal to 100% of the participant’s elective deferrals that do not exceed 5% of a participant’s compensation.

Also, the Company may make a discretionary profit sharing contribution equal to an amount determined by the Board of Directors of the Company. Contributions are allocated by Wells Fargo Bank, N.A. (the “Trustee”) among participants based upon each individual participant’s defined compensation in relation to the total defined compensation paid to all participating employees. Allocation of contributions may not exceed certain limits imposed by the Internal Revenue Service (“IRS”). There were no discretionary profit sharing contributions for the Plan year ended August 31, 2018.

Participant Accounts

The allocation of a participant’s contributions to the investment funds is selected by the participant and may be changed daily. Participants may also elect to have all, or a portion of their prior contributions transferred between any of the available investment funds. Participants may change or suspend their contribution percentage.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Each participant's account is increased, or decreased as appropriate, with (a) the participant's contribution, (b) the Company's safe harbor contribution, including any additional discretionary profit sharing contribution, (c) net investment earnings based on the participant's account balance and composition, (d) administrative expenses, and (e) benefit payments. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are fully vested in all employee and safe harbor contributions. Vesting of profit-sharing and discretionary contributions occurs over a six-year period for Company employees.

Forfeitures

The non-vested portion of the profit-sharing contributions for all terminated employees are used to reduce the Plan Sponsor's contributions or to pay Plan expenses. At August 31, 2018 and 2017, accumulated forfeitures amounted to \$104,589 and \$101,649, respectively. Forfeitures totaling \$163 were used to pay plan expenses for the year ended August 31, 2018.

Payment of Benefits

Upon termination of service or upon reaching age 59-1/2, a participant may elect to receive the value of his or her account in the form of a cash withdrawal, a direct rollover, or a distribution in the form of an annuity. Prior to age 59-1/2, an active employee may withdraw before-tax deposits only under certain hardship conditions as defined in the Plan document. Benefit claims are recognized as deductions from the Plan when they have been approved for payment and paid.

The Trustee determines the amount of benefits to be paid in accordance with the terms of the Plan. Mandatory payouts are required to commence no later than April 1 of the calendar year following the calendar year when a participant attains the age of 70-1/2.

The Plan allows for automatic distributions upon termination of service for participants with vested account balances less than \$5,000. If the vested account balance is greater than \$1,000, but less than \$5,000, the balance will be involuntarily distributed through direct rollover into a qualified Individual Retirement Account unless the participant requests a lump sum distribution.

Notes Receivable from Participants

In connection with various acquisitions by the Plan Sponsor, borrowings initiated under former plans have been rolled over into the Plan. The Plan allows for participants to borrow the lesser of \$1,000 up to a maximum of \$50,000, or 50% of their vested account balance. Loan terms range from 1 to 5 years or up to 15 years for the purchase of a primary residence. The loans initiated under the Plan are secured by the balance in the participant's account and bear interest at a rate of the current prime lending rate plus 1%. The rollover loans bear interest at rates ranging from 4.25% to 9.25%. Principal and interest are paid ratably through payroll deductions.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Notes are delinquent when payments are missed. If the note is not paid up-to-date by the end of the calendar quarter, after the calendar quarter in which a payment is first delinquent, the note will be in default. In that event, the entire outstanding note balance, consisting of the missed payments, remaining principal, and all unpaid interest, will be reported to the IRS as taxable income to the participant. If a note has not been fully repaid by the end of its term, the outstanding balance will be treated as a deemed distribution and will be reported to the IRS as taxable income to the participant.

Administrative Expenses

The Company has elected to pay certain fees and expenses related to the operation of the Plan. Certain investment management fees, brokerage commissions and sweep fees are paid directly by the Plan.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to amend or discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of termination, all participants would be fully vested and, after payment of any liabilities of the Plan, the amounts allocated to the individual participant's accounts would be paid to them.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accounts of the Plan are maintained on the modified cash basis, which reflects cash receipts and disbursements except for increases or decreases in the fair value of investments which are recognized currently. The accounts exclude expenses incurred but not paid and accruals for dividends and interest earned but not received. The modified cash basis is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America.

Use of Estimates

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

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value at August 31, 2018 and 2017. Gains and losses on investments that were purchased, sold or held during the period are included in net depreciation in fair value.

Investment income consists of dividend income. The net appreciation (depreciation) in the fair value of investments consists of realized gains or losses and the unrealized appreciation (depreciation) on those investments. Dividend income is recognized when received. Purchases and sales of securities are recorded on a trade-date basis. Realized gains and losses from security transactions are reported based on historical cost.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Notes Receivable from Participants

Notes receivable from Plan participants are measured at their unpaid principal balance plus accrued interest.

Payment of Benefits

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through June 14, 2019, the date the financial statements were available to be issued.

NOTE 3 – FINANCIAL DATA CERTIFIED BY THE TRUSTEE

The following is a summary of the unaudited information regarding the Plan included in the Plan's financial statements, which was prepared by the Trustee, as of August 31, 2018 and 2017 and for the year ended August 31, 2018, and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the Trustee as of August 31, 2018 and 2017 and for the year ended August 31, 2018, that such information is complete and accurate.

	2018	2017
Cash	\$ 3	\$ 10
Investments, at fair value	\$ 105,436,167	\$ 92,215,328
Notes receivable from participants	\$ 3,112,359	\$ 2,736,788
Dividend income	\$ 845,562	\$ 972,015
Interest income on notes receivable from participants	\$ 142,648	\$ 107,576
Net appreciation in fair value of investments	\$ 8,746,930	\$ 7,005,401

NOTE 4 – INVESTMENTS

Former ICO Plan participants may have amounts invested in the A. Schulman Company Stock Fund (the "Fund"). This Fund was created in May 2010, when shares of the ICO Unitized Pool Stock Fund were exchanged for shares of A. Schulman common stock. This transaction occurred in the former ICO 401(k) Plan prior to the transfer of assets into the Plan. This investment is not an investment option for participants for contributions to the Plan. At any time, the participant may transfer all or a portion of the account balance invested into the other funds available under the Plan, without restriction. However, the participant cannot transfer any portion back into the Fund or make new contributions to it.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Fair Value Measurements

Fair value is a market-based measurement that is determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, the Company uses a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

- Level 1 – Valuation is based upon quoted prices (unadjusted) for identical assets or liabilities in active markets;
- Level 2 – Valuation is based upon quoted prices for similar assets or liabilities in active markets, or other inputs that are observable for the asset or liability, either directly or indirectly for substantially the full term of the financial instrument; and
- Level 3 – Valuation is based upon other unobservable inputs that are significant to the fair value measurement.

The classification of fair value measurements within the hierarchy is based upon the lowest level of input that is significant to the measurement. Investments that were measured at net asset value (“NAV”) per share are not classified in the fair value hierarchy. The fair value amounts presented in the below tables are intended to permit reconciliation of the fair value hierarchy to total investments at fair value. Valuation methodologies used for assets measured at fair value are as follows:

- Mutual funds: Valued at fair value as determined by quoted market prices on active markets.
- Common stock fund: Valued based on the underlying investments within the fund which comprise of A. Schulman common stock and cash equivalents.
- Common collective trusts: Valued at the respective net asset value as reported by such trusts, which is a quoted price in a market that is not active.

The methods described above may produce a fair value calculation that may not be indicative of the 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.

	2018			
	Level 1	Level 2	Level 3	Total
Common collective trusts	\$ -	\$ 11,825,284	\$ -	\$ 11,825,284
Mutual funds	84,590,984	-	-	84,590,984
Total investments in the hierarchy	<u>\$ 84,590,984</u>	<u>\$ 11,825,284</u>	<u>\$ -</u>	96,416,268
Investment measured at fair value using NAV as a practical expedient:				
Common collective trust - stable value fund				9,019,899
Total investments at fair value				<u>\$105,436,167</u>

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

	2017			
	Level 1	Level 2	Level 3	Total
Common stock fund	\$ -	\$ 1,304,387	\$ -	\$ 1,304,387
Common collective trusts	-	9,930,350	-	9,930,350
Mutual funds	71,777,209	-	-	71,777,209
Total investments in the hierarchy	\$ 71,777,209	\$ 11,234,737	\$ -	83,011,946
Investment measured at fair value using NAV as a practical expedient:				
Common collective trust - stable value fund				9,203,382
Total investments at fair value				\$ 92,215,328

Units of the Plan's investment in the common collective trust – stable value fund may be redeemed daily and require 12 months written notice of the intent of the Plan Sponsor to withdraw assets from the fund. There are no unfunded commitments related to the fund.

NOTE 5 – TRANSACTIONS WITH PARTIES IN INTEREST

The Trustee serves as the fund manager for a portion of the Plan assets. Trustee administrative expenses amounted to \$197,703 for the year ended August 31, 2018.

The Plan owned 36,080 shares of the A. Schulman, Inc. Company Stock Fund valued at \$1,304,387 as of August 31, 2017. All 31,906 remaining shares of the A. Schulman, Inc. Company Stock Fund were sold on August 24, 2018 as part of the acquisition of the Plan Sponsor.

NOTE 6 – TAX STATUS OF THE TRUST

Effective September 1, 2014, the Plan adopted a non-standardized form of a prototype plan sponsored by the Trustee. The prototype plan has received an opinion letter from the IRS as to the prototype plan's qualified status. The prototype plan opinion letter has been relied upon by this Plan. The Plan has been amended since adoption. The Plan administrator believes the Plan is designed and is being operated in compliance with the applicable provisions of the Internal Revenue Code.

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 organization has taken an uncertain tax position that more likely than not would be sustained upon examination by taxing authorities. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of August 31, 2018, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

NOTE 7 – CONTINGENT VALUATION RIGHTS

On August 21, 2018, the plan sponsor, A. Schulman Inc., was acquired by LyondellBasell Industries N.V. As part of the transaction, all shares in the A Shulman Company Stock Fund were redeemed. Additionally, attached to these shares were contingent valuation rights (“CVR”) related to pending litigation at the closing date. As of August 31, 2018, the full amount of CVR could not be estimated. The total amount of CVR related to the A. Schulman Company Stock Fund collected to date subsequent to August 31, 2018 is \$54,950.

NOTE 8 – LATE PARTICIPANT CONTRIBUTIONS

During 2018, the Company failed to timely remit participant employee contributions and participant loan repayments to the Plan on a timely basis. Such late remittances totaled \$244,255 for the year ended August 31, 2018. The Company corrected this issue during 2019.

NOTE 9 – RECONCILIATION OF FINANCIAL STATEMENTS TO SCHEDULE H OF FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statement to the Form 5500 as of August 31:

	<u>2018</u>	<u>2017</u>
Net assets available for benefits per financial statements	\$ 108,548,529	\$ 94,952,126
Deemed distributions	<u>(76,814)</u>	<u>(36,429)</u>
Net assets per Form 5500	<u><u>\$ 108,471,715</u></u>	<u><u>\$ 94,915,697</u></u>

The following is a reconciliation of the change in net assets available for benefits per the financial statement to the Form 5500 as of August 31, 2018:

Net income per Form 5500	\$ 13,431,333
Change in deemed distributions	<u>40,385</u>
Increase in net assets, prior to transfer, per financial statements	<u><u>\$ 13,471,718</u></u>

A. SCHULMAN, INC. RETIREMENT PLAN
SCHEDULE H, 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
For the Year Ended August 31, 2018
EIN #34-0514850 Plan #001

Participant Contributions
Transferred Late to Plan

Check here if Late
Participant Loan
Repayments are
included: ☒

		Total that Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
		Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
\$	244,255	\$ 244,255	\$ -	\$ -	\$ -

A. SCHULMAN, INC. RETIREMENT PLAN
SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
August 31, 2018
EIN #34-0514850 Plan #001

(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
*	Wells Fargo S&P MidCap Index Fund F	Common Collective Trust	**	\$ 1,923,920
*	Wells Fargo Stable Return Fund F	Common Collective Trust	**	9,019,899
*	Wells Fargo S&P 500 Index Fund F	Common Collective Trust	**	6,063,116
*	Wells Fargo MFS Value Fund F	Common Collective Trust	**	3,838,248
	American Century Heritage Fund R6	Mutual Funds	**	3,247,838
	American Funds EuroPacific Growth R6	Mutual Funds	**	2,019,073
	American Balanced Fund R6	Mutual Funds	**	2,557,437
	Diamond Hill Small/Mid Cap Fund Y	Mutual Funds	**	1,667,529
	Dodge & Cox International Stock Fund	Mutual Funds	**	2,398,225
	Federated U.S. Govt: 2-5 YRS	Mutual Funds	**	1,179,568
	JP Morgan Small Cap Equity Fund R5	Mutual Funds	**	2,984,236
	MainStay Large Cap Growth Fund R6	Mutual Funds	**	5,524,942
	PIMCO Real Return Fund	Mutual Funds	**	444,085
	Vanguard Total BD Market Index ADM	Mutual Funds	**	543,137
	Vanguard Dividend Growth Fund	Mutual Funds	**	3,632,728
	Vanguard Small Cap Index Fund ADM	Mutual Funds	**	2,450,662
	Baird Core Bond Fund	Mutual Funds	**	3,342,272
*	Wells Fargo DJ Target 2010 R6	Mutual Funds	**	261,939
*	Wells Fargo DJ Target 2015 R6	Mutual Funds	**	2,501,047
*	Wells Fargo DJ Target 2020 R6	Mutual Funds	**	4,977,355
*	Wells Fargo DJ Target 2025 R6	Mutual Funds	**	12,855,332
*	Wells Fargo DJ Target 2030 R6	Mutual Funds	**	6,806,888
*	Wells Fargo DJ Target 2035 R6	Mutual Funds	**	10,624,656
*	Wells Fargo DJ Target 2040 R6	Mutual Funds	**	4,038,420
*	Wells Fargo DJ Target 2045 R6	Mutual Funds	**	4,542,367
*	Wells Fargo DJ Target 2050 R6	Mutual Funds	**	3,484,987
*	Wells Fargo DJ Target 2055 R6	Mutual Funds	**	1,782,537
*	Wells Fargo DJ Target 2060 R6	Mutual Funds	**	376,844
*	Wells Fargo DJ Target Today R6	Mutual Funds	**	346,880
				105,436,167
		Loans with interest rates ranging from		
*	Notes receivable from participants	4.25% to 9.25%	\$ -	3,112,359
				\$ 108,548,526

* Denotes party-in-interest as defined by ERISA.

** Information is not required pursuant to Form 5500 instructions.

June 14, 2019

To the Plan Administrator and the Investment Committee
A. Schulman, Inc. Retirement Plan
3637 Ridgewood Road
Fairlawn, Ohio 44333

We have conducted a Department of Labor ("DOL") limited-scope audit of the financial statements of the A. Schulman, Inc. Retirement Plan (the "Plan") for the year ended December 31, 2018, and we will issue our report thereon dated June 14, 2019. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), 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 to those financial statements. Because of the significance of the information that we did not audit, we are unable to, and have not, expressed an opinion on those financial statements and supplemental schedules as a whole. We did, however, audit the form and content of the information included in the financial statements and supplemental schedules, other than that derived from the information certified by the trustee, in accordance with auditing standards generally accepted in the United States of America and found them to be presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated October 8, 2018. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Plan are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2018. We noted no transactions entered into by the Plan during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There were no significant estimates affecting the financial statements.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no corrected adjustments noted for the year ended August 31, 2018. Management elected to record an allowance for uncollectible participant loans in the amount of \$76,814.

Disagreements with Management

For the purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated June 14, 2019.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Plan's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Plan's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

With respect to the supplementary information accompanying the financial statements, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with the DOL's Rules and Regulations for Reporting and

Disclosure under ERISA, the method of preparing it had not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

This information is intended solely for the use of Board of Directors, Investment Committee, and management of the Plan and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink, reading "Bober, Markey, Fedorovich & Company". The signature is written in a cursive, flowing style.

BOBER, MARKEY, FEDOROVICH & COMPANY
Akron, Ohio

A. SCHULMAN, INC. RETIREMENT PLAN

FINANCIAL STATEMENTS AND
SUPPLEMENTARY INFORMATION

August 31, 2018 and 2017

A. SCHULMAN, INC. RETIREMENT PLAN
ANNUAL REPORT INDEX
August 31, 2018 and 2017

The following financial statements and other information of A. Schulman, Inc. Retirement Plan are included herewith:

- Statements of Net Assets Available for Benefits as of August 31, 2018 and 2017;
- Statement of Changes in Net Assets Available for Benefits for the year ended August 31, 2018;
- Notes to Financial Statements.

The following supplemental schedules of A. Schulman, Inc. Retirement Plan included in the Annual Report of the Plan on Form 5500 file with the Department of Labor as of and for the year ended August 31, 2018 are included herewith:

- Schedule H, Line 4a – Schedule of Delinquent Participant Contributions
- Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

All other supplemental schedules and notes for which provisions are made in the applicable rules and regulations of the Department of Labor are not required under the related instructions or are inapplicable and, therefore, have been omitted.

A. SCHULMAN, INC. RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

To the Participants and Administrator of the
A. Schulman, Inc. Retirement Plan
Fairlawn, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements (modified cash basis) of A. Schulman, Inc. Retirement Plan (the "Plan"), which comprise the statements of net assets available for benefits as of August 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended August 31, 2018, 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 the modified cash basis of accounting as described in Note 2; this includes determining that the modified cash basis of accounting is an acceptable basis for preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with the modified cash basis of accounting. 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 ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), 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 Wells Fargo Bank, N.A., the Trustee of the Plan, except for comparing the 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 August 31, 2018 and 2017, and for the year ended August 31, 2018, 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.

Basis of Accounting

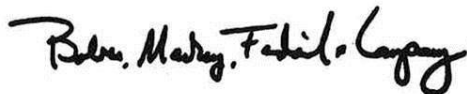
We draw attention to Note 2 to the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion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

Other Matter

The supplemental schedules, Schedule H Line 4a – Schedule of Delinquent Participant Contributions for the year ended August 31, 2018, and Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of August 31, 2018, are required by the DOL's Rules and Regulations for Reporting and Disclosure under the ERISA and are presented for the purpose of additional analysis and are 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 the supplemental schedules.

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 schedules, 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.



BOBER, MARKEY, FEDOROVICH & COMPANY
Akron, Ohio

June 14, 2019

A. SCHULMAN, INC. RETIREMENT PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS -
MODIFIED CASH BASIS
August 31, 2018 and 2017

	<u>2018</u>	<u>2017</u>
ASSETS		
Investments, at fair value	\$ 105,436,167	\$ 92,215,328
Notes receivable from participants	3,112,359	2,736,788
Cash	<u>3</u>	<u>10</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 108,548,529</u>	<u>\$ 94,952,126</u>

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

A. SCHULMAN, INC. RETIREMENT PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS -
MODIFIED CASH BASIS
For the Year Ended August 31, 2018

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

Investment income:	
Net appreciation in fair value of investments	\$ 8,746,930
Dividend income	845,562
	<u>9,592,492</u>
Interest income on notes receivable from participants	142,648
Contributions:	
Contributions from A. Schulman, Inc.	4,823,153
Contributions from employees	6,781,821
Rollover contributions	239,663
	<u>11,844,637</u>
Other income	<u>1,453</u>
TOTAL ADDITIONS	21,581,230
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:	
Benefits paid to participants or their beneficiaries	7,911,809
Administrative expenses	197,703
	<u>8,109,512</u>
TOTAL DEDUCTIONS	8,109,512
NET INCREASE, PRIOR TO TRANSFER	13,471,718
TRANSFER OF NET ASSETS INTO THE PLAN	<u>124,685</u>
NET INCREASE	13,596,403
NET ASSETS AVAILABLE FOR BENEFITS:	
BEGINNING OF YEAR	<u>94,952,126</u>
END OF YEAR	<u><u>\$ 108,548,529</u></u>

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

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

NOTE 1 – DESCRIPTION OF THE PLAN

The following brief description of the A. Schulman, Inc. Retirement Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan agreement for more complete information.

General

The Plan is a defined contribution 401(k) Plan that provides retirement savings benefits to all salaried and hourly non-bargaining employees of A. Schulman, Inc. (the “Company”) through tax deferred voluntary contributions by employees and discretionary contributions by the Company. The Plan covers all salaried employees of the Company. Employees are eligible to participate in the Plan on the first day of the first pay period immediately following date of hire. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended. A. Schulman, Inc. was acquired by LyondellBasell Industries N.V. on August 21, 2018 in a stock sale. Participants of the Plan remain employees of A. Schulman, Inc. and the Plan continues to serve the employees.

Employee Contributions

The Plan provides for pre-tax contributions by participants through payroll deduction. Participants who are at least 50 years of age can elect to defer an additional “catch-up” contribution of up to \$6,000 annually for 2018.

All employees are automatically enrolled at a 3% contribution rate unless an election to opt-out of the automatic enrollment is made by the employee. Deferral rates for employees automatically enrolled increase 1% per year to a maximum of 7%.

Employer Contributions

The Company makes a safe harbor contribution to the safe harbor account of each active participant based on a percentage of the participant’s compensation. Contributions are calculated for each payroll period and payment is made within a reasonable time after each payroll period. The Company shall make safe harbor contributions in an amount equal to 100% of the participant’s elective deferrals that do not exceed 5% of a participant’s compensation.

Also, the Company may make a discretionary profit sharing contribution equal to an amount determined by the Board of Directors of the Company. Contributions are allocated by Wells Fargo Bank, N.A. (the “Trustee”) among participants based upon each individual participant’s defined compensation in relation to the total defined compensation paid to all participating employees. Allocation of contributions may not exceed certain limits imposed by the Internal Revenue Service (“IRS”). There were no discretionary profit sharing contributions for the Plan year ended August 31, 2018.

Participant Accounts

The allocation of a participant’s contributions to the investment funds is selected by the participant and may be changed daily. Participants may also elect to have all, or a portion of their prior contributions transferred between any of the available investment funds. Participants may change or suspend their contribution percentage.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Each participant's account is increased, or decreased as appropriate, with (a) the participant's contribution, (b) the Company's safe harbor contribution, including any additional discretionary profit sharing contribution, (c) net investment earnings based on the participant's account balance and composition, (d) administrative expenses, and (e) benefit payments. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are fully vested in all employee and safe harbor contributions. Vesting of profit-sharing and discretionary contributions occurs over a six-year period for Company employees.

Forfeitures

The non-vested portion of the profit-sharing contributions for all terminated employees are used to reduce the Plan Sponsor's contributions or to pay Plan expenses. At August 31, 2018 and 2017, accumulated forfeitures amounted to \$104,589 and \$101,649, respectively. Forfeitures totaling \$163 were used to pay plan expenses for the year ended August 31, 2018.

Payment of Benefits

Upon termination of service or upon reaching age 59-1/2, a participant may elect to receive the value of his or her account in the form of a cash withdrawal, a direct rollover, or a distribution in the form of an annuity. Prior to age 59-1/2, an active employee may withdraw before-tax deposits only under certain hardship conditions as defined in the Plan document. Benefit claims are recognized as deductions from the Plan when they have been approved for payment and paid.

The Trustee determines the amount of benefits to be paid in accordance with the terms of the Plan. Mandatory payouts are required to commence no later than April 1 of the calendar year following the calendar year when a participant attains the age of 70-1/2.

The Plan allows for automatic distributions upon termination of service for participants with vested account balances less than \$5,000. If the vested account balance is greater than \$1,000, but less than \$5,000, the balance will be involuntarily distributed through direct rollover into a qualified Individual Retirement Account unless the participant requests a lump sum distribution.

Notes Receivable from Participants

In connection with various acquisitions by the Plan Sponsor, borrowings initiated under former plans have been rolled over into the Plan. The Plan allows for participants to borrow the lesser of \$1,000 up to a maximum of \$50,000, or 50% of their vested account balance. Loan terms range from 1 to 5 years or up to 15 years for the purchase of a primary residence. The loans initiated under the Plan are secured by the balance in the participant's account and bear interest at a rate of the current prime lending rate plus 1%. The rollover loans bear interest at rates ranging from 4.25% to 9.25%. Principal and interest are paid ratably through payroll deductions.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Notes are delinquent when payments are missed. If the note is not paid up-to-date by the end of the calendar quarter, after the calendar quarter in which a payment is first delinquent, the note will be in default. In that event, the entire outstanding note balance, consisting of the missed payments, remaining principal, and all unpaid interest, will be reported to the IRS as taxable income to the participant. If a note has not been fully repaid by the end of its term, the outstanding balance will be treated as a deemed distribution and will be reported to the IRS as taxable income to the participant.

Administrative Expenses

The Company has elected to pay certain fees and expenses related to the operation of the Plan. Certain investment management fees, brokerage commissions and sweep fees are paid directly by the Plan.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to amend or discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of termination, all participants would be fully vested and, after payment of any liabilities of the Plan, the amounts allocated to the individual participant's accounts would be paid to them.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accounts of the Plan are maintained on the modified cash basis, which reflects cash receipts and disbursements except for increases or decreases in the fair value of investments which are recognized currently. The accounts exclude expenses incurred but not paid and accruals for dividends and interest earned but not received. The modified cash basis is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America.

Use of Estimates

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

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value at August 31, 2018 and 2017. Gains and losses on investments that were purchased, sold or held during the period are included in net depreciation in fair value.

Investment income consists of dividend income. The net appreciation (depreciation) in the fair value of investments consists of realized gains or losses and the unrealized appreciation (depreciation) on those investments. Dividend income is recognized when received. Purchases and sales of securities are recorded on a trade-date basis. Realized gains and losses from security transactions are reported based on historical cost.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Notes Receivable from Participants

Notes receivable from Plan participants are measured at their unpaid principal balance plus accrued interest.

Payment of Benefits

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through June 14, 2019, the date the financial statements were available to be issued.

NOTE 3 – FINANCIAL DATA CERTIFIED BY THE TRUSTEE

The following is a summary of the unaudited information regarding the Plan included in the Plan's financial statements, which was prepared by the Trustee, as of August 31, 2018 and 2017 and for the year ended August 31, 2018, and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the Trustee as of August 31, 2018 and 2017 and for the year ended August 31, 2018, that such information is complete and accurate.

	2018	2017
Cash	\$ 3	\$ 10
Investments, at fair value	\$ 105,436,167	\$ 92,215,328
Notes receivable from participants	\$ 3,112,359	\$ 2,736,788
Dividend income	\$ 845,562	\$ 972,015
Interest income on notes receivable from participants	\$ 142,648	\$ 107,576
Net appreciation in fair value of investments	\$ 8,746,930	\$ 7,005,401

NOTE 4 – INVESTMENTS

Former ICO Plan participants may have amounts invested in the A. Schulman Company Stock Fund (the "Fund"). This Fund was created in May 2010, when shares of the ICO Unitized Pool Stock Fund were exchanged for shares of A. Schulman common stock. This transaction occurred in the former ICO 401(k) Plan prior to the transfer of assets into the Plan. This investment is not an investment option for participants for contributions to the Plan. At any time, the participant may transfer all or a portion of the account balance invested into the other funds available under the Plan, without restriction. However, the participant cannot transfer any portion back into the Fund or make new contributions to it.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

Fair Value Measurements

Fair value is a market-based measurement that is determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, the Company uses a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

- Level 1 – Valuation is based upon quoted prices (unadjusted) for identical assets or liabilities in active markets;
- Level 2 – Valuation is based upon quoted prices for similar assets or liabilities in active markets, or other inputs that are observable for the asset or liability, either directly or indirectly for substantially the full term of the financial instrument; and
- Level 3 – Valuation is based upon other unobservable inputs that are significant to the fair value measurement.

The classification of fair value measurements within the hierarchy is based upon the lowest level of input that is significant to the measurement. Investments that were measured at net asset value (“NAV”) per share are not classified in the fair value hierarchy. The fair value amounts presented in the below tables are intended to permit reconciliation of the fair value hierarchy to total investments at fair value. Valuation methodologies used for assets measured at fair value are as follows:

- Mutual funds: Valued at fair value as determined by quoted market prices on active markets.
- Common stock fund: Valued based on the underlying investments within the fund which comprise of A. Schulman common stock and cash equivalents.
- Common collective trusts: Valued at the respective net asset value as reported by such trusts, which is a quoted price in a market that is not active.

The methods described above may produce a fair value calculation that may not be indicative of the 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.

	2018			
	Level 1	Level 2	Level 3	Total
Common collective trusts	\$ -	\$ 11,825,284	\$ -	\$ 11,825,284
Mutual funds	84,590,984	-	-	84,590,984
Total investments in the hierarchy	<u>\$ 84,590,984</u>	<u>\$ 11,825,284</u>	<u>\$ -</u>	96,416,268
Investment measured at fair value using NAV as a practical expedient:				
Common collective trust - stable value fund				9,019,899
Total investments at fair value				<u>\$105,436,167</u>

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

	2017			
	Level 1	Level 2	Level 3	Total
Common stock fund	\$ -	\$ 1,304,387	\$ -	\$ 1,304,387
Common collective trusts	-	9,930,350	-	9,930,350
Mutual funds	71,777,209	-	-	71,777,209
Total investments in the hierarchy	\$ 71,777,209	\$ 11,234,737	\$ -	83,011,946
Investment measured at fair value using NAV as a practical expedient:				
Common collective trust - stable value fund				9,203,382
Total investments at fair value				\$ 92,215,328

Units of the Plan's investment in the common collective trust – stable value fund may be redeemed daily and require 12 months written notice of the intent of the Plan Sponsor to withdraw assets from the fund. There are no unfunded commitments related to the fund.

NOTE 5 – TRANSACTIONS WITH PARTIES IN INTEREST

The Trustee serves as the fund manager for a portion of the Plan assets. Trustee administrative expenses amounted to \$197,703 for the year ended August 31, 2018.

The Plan owned 36,080 shares of the A. Schulman, Inc. Company Stock Fund valued at \$1,304,387 as of August 31, 2017. All 31,906 remaining shares of the A. Schulman, Inc. Company Stock Fund were sold on August 24, 2018 as part of the acquisition of the Plan Sponsor.

NOTE 6 – TAX STATUS OF THE TRUST

Effective September 1, 2014, the Plan adopted a non-standardized form of a prototype plan sponsored by the Trustee. The prototype plan has received an opinion letter from the IRS as to the prototype plan's qualified status. The prototype plan opinion letter has been relied upon by this Plan. The Plan has been amended since adoption. The Plan administrator believes the Plan is designed and is being operated in compliance with the applicable provisions of the Internal Revenue Code.

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 organization has taken an uncertain tax position that more likely than not would be sustained upon examination by taxing authorities. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of August 31, 2018, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements.

A. SCHULMAN, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
August 31, 2018 and 2017

NOTE 7 – CONTINGENT VALUATION RIGHTS

On August 21, 2018, the plan sponsor, A. Schulman Inc., was acquired by LyondellBasell Industries N.V. As part of the transaction, all shares in the A Shulman Company Stock Fund were redeemed. Additionally, attached to these shares were contingent valuation rights (“CVR”) related to pending litigation at the closing date. As of August 31, 2018, the full amount of CVR could not be estimated. The total amount of CVR related to the A. Schulman Company Stock Fund collected to date subsequent to August 31, 2018 is \$54,950.

NOTE 8 – LATE PARTICIPANT CONTRIBUTIONS

During 2018, the Company failed to timely remit participant employee contributions and participant loan repayments to the Plan on a timely basis. Such late remittances totaled \$244,255 for the year ended August 31, 2018. The Company corrected this issue during 2019.

NOTE 9 – RECONCILIATION OF FINANCIAL STATEMENTS TO SCHEDULE H OF FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statement to the Form 5500 as of August 31:

	2018	2017
Net assets available for benefits per financial statements	\$ 108,548,529	\$ 94,952,126
Deemed distributions	<u>(76,814)</u>	<u>(36,429)</u>
Net assets per Form 5500	<u>\$ 108,471,715</u>	<u>\$ 94,915,697</u>

The following is a reconciliation of the change in net assets available for benefits per the financial statement to the Form 5500 as of August 31, 2018:

Net income per Form 5500	\$ 13,431,333
Change in deemed distributions	<u>40,385</u>
Increase in net assets, prior to transfer, per financial statements	<u>\$ 13,471,718</u>

A. SCHULMAN, INC. RETIREMENT PLAN
SCHEDULE H, 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
For the Year Ended August 31, 2018
EIN #34-0514850 Plan #001

Participant Contributions
Transferred Late to Plan

Check here if Late
Participant Loan
Repayments are
included: ☒

		Total that Constitute Nonexempt Prohibited Transactions			Total Fully
		Contributions Not	Contributions Corrected	Contributions Pending	Corrected Under
		Corrected	Outside VFCP	Correction in VFCP	VFCP and PTE 2002-51
\$	244,255	\$ 244,255	\$ -	\$ -	\$ -

A. SCHULMAN, INC. RETIREMENT PLAN
SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
August 31, 2018
EIN #34-0514850 Plan #001

(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
*	Wells Fargo S&P MidCap Index Fund F	Common Collective Trust	**	\$ 1,923,920
*	Wells Fargo Stable Return Fund F	Common Collective Trust	**	9,019,899
*	Wells Fargo S&P 500 Index Fund F	Common Collective Trust	**	6,063,116
*	Wells Fargo MFS Value Fund F	Common Collective Trust	**	3,838,248
	American Century Heritage Fund R6	Mutual Funds	**	3,247,838
	American Funds EuroPacific Growth R6	Mutual Funds	**	2,019,073
	American Balanced Fund R6	Mutual Funds	**	2,557,437
	Diamond Hill Small/Mid Cap Fund Y	Mutual Funds	**	1,667,529
	Dodge & Cox International Stock Fund	Mutual Funds	**	2,398,225
	Federated U.S. Govt: 2-5 YRS	Mutual Funds	**	1,179,568
	JP Morgan Small Cap Equity Fund R5	Mutual Funds	**	2,984,236
	MainStay Large Cap Growth Fund R6	Mutual Funds	**	5,524,942
	PIMCO Real Return Fund	Mutual Funds	**	444,085
	Vanguard Total BD Market Index ADM	Mutual Funds	**	543,137
	Vanguard Dividend Growth Fund	Mutual Funds	**	3,632,728
	Vanguard Small Cap Index Fund ADM	Mutual Funds	**	2,450,662
	Baird Core Bond Fund	Mutual Funds	**	3,342,272
*	Wells Fargo DJ Target 2010 R6	Mutual Funds	**	261,939
*	Wells Fargo DJ Target 2015 R6	Mutual Funds	**	2,501,047
*	Wells Fargo DJ Target 2020 R6	Mutual Funds	**	4,977,355
*	Wells Fargo DJ Target 2025 R6	Mutual Funds	**	12,855,332
*	Wells Fargo DJ Target 2030 R6	Mutual Funds	**	6,806,888
*	Wells Fargo DJ Target 2035 R6	Mutual Funds	**	10,624,656
*	Wells Fargo DJ Target 2040 R6	Mutual Funds	**	4,038,420
*	Wells Fargo DJ Target 2045 R6	Mutual Funds	**	4,542,367
*	Wells Fargo DJ Target 2050 R6	Mutual Funds	**	3,484,987
*	Wells Fargo DJ Target 2055 R6	Mutual Funds	**	1,782,537
*	Wells Fargo DJ Target 2060 R6	Mutual Funds	**	376,844
*	Wells Fargo DJ Target Today R6	Mutual Funds	**	346,880
				105,436,167
		Loans with interest rates ranging from		
*	Notes receivable from participants	4.25% to 9.25%	\$ -	3,112,359
				\$ 108,548,526

* Denotes party-in-interest as defined by ERISA.

** Information is not required pursuant to Form 5500 instructions.