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

Part I Annual Report Identification Information

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

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.)
- [X] 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:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
AMERICAN AXLE & MANUFACTURING, INC. RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 03/01/1994

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)

AMERICAN AXLE & MANUFACTURING, INC.

ONE DAUCH DRIVE
DETROIT, MI 48211-1115

2b Employer Identification Number (EIN)
38-3138388

2c Plan Sponsor's telephone number
313-758-2000

2d Business code (see instructions)
336300

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.	10/10/2018	TERRI M. KEMP
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/10/2018	CHRISTOPHER J. MAY
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] Same as Plan Sponsor

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:
a Sponsor's name
c Plan Name

4b EIN

4d PN

5 Total number of participants at the beginning of the plan year	**5**	1578
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	519
a(2) Total number of active participants at the end of the plan year	**6a(2)**	484
b Retired or separated participants receiving benefits	**6b**	588
c Other retired or separated participants entitled to future benefits	**6c**	412
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	1484
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	83
f Total. Add lines **6d** and **6e**.	**6f**	1567
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	
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:

1A 1C

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)	[X]	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)	[X]	Trust
(4)	[ ]	General assets of the sponsor

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

a Pension Schedules

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

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2017

This Form is Open to Public Inspection

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
AMERICAN AXLE & MANUFACTURING, INC. RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
AMERICAN AXLE & MANUFACTURING, INC.

D Employer Identification Number (EIN)
38-3138388

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2017

2 Assets:

a Market value	**2a**	118875406
b Actuarial value	**2b**	120644918

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	659	68716323	68716323
b For terminated vested participants	413	11820890	11820890
c For active participants	523	27850939	30561463
d Total	1595	108388152	111098676

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.89 %
6 Target normal cost	**6**	577464

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Signature of actuary

10/02/2018
Date

MARGARET E. SMITH
Type or print name of actuary

17-08104
Most recent enrollment number

TOWERS WATSON DELAWARE INC.
Firm name

248-936-7700
Telephone number (including area code)

26555 EVERGREEN, SUITE 1600
SOUTHFIELD, MI 48076
Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)		14195444
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		1007379
9	Amount remaining (line 7 minus line 8)		13188065
10	Interest on line 9 using prior year's actual return of 8.62 %		1136811
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 6.09%		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections		
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	14324876

Part III Funding Percentages

14	Funding target attainment percentage	14	95.69%
15	Adjusted funding target attainment percentage	15	108.59%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	98.19%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ► 18(b)		18(c)

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	
	b Contributions made to avoid restrictions adjusted to valuation date	19b	
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
4.16%	5.72%	6.48%	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	63

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	577464
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	4778634	831197
b Waiver amortization installment		

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	1408661

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement		1408661	1408661

36 Additional cash requirement (line 34 minus line 35)	**36**	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment	**42**	
43 Excess installment acceleration amount to be carried over to future plan years	**43**	

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.

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan
AMERICAN AXLE & MANUFACTURING, INC. RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

B Three-digit plan number (PN) ▶ 002

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

D Employer Identification Number (EIN)
38-3138388

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN AXLE MASTER TRUST

b Name of sponsor of entity listed in (a): AMERICAN AXLE & MANUFACTURING, INC.

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)
38-3163614-001	M	129579943

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

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

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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 01/01/2017 and ending 12/31/2017

A Name of plan
AMERICAN AXLE & MANUFACTURING, INC. RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
AMERICAN AXLE & MANUFACTURING, INC.

D Employer Identification Number (EIN)
38-3138388

Part I Asset and Liability Statement

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

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(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)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	118656269	129579943
(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)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)		
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	118656269	129579943
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h	9056	6130
i	Acquisition indebtedness	1i		
j	Other liabilities	1j		
k	Total liabilities (add all amounts in lines 1g through1j)	1k	9056	6130
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	118647213	129573813

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

	Income		(a) Amount	(b) Total
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)		
	(B) Participants	2a(1)(B)		
	(C) Others (including rollovers)	2a(1)(C)		
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		
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)		
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		
	(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)		
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		
	(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)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		17304353
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		17304353
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6377753	
(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)		6377753
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		6377753
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		10926600
l Transfers of assets:			
(1) To this plan	2l(1)		
(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: GEORGE JOHNSON & COMPANY **(2)** EIN: 38-2029668

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

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

Part IV Compliance Questions

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

During the plan year:

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

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		10000000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i		X	
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	

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

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

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

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4074822. (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 01/01/2017 and ending 12/31/2017

A Name of plan
AMERICAN AXLE & MANUFACTURING, INC. RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
AMERICAN AXLE & MANUFACTURING, INC.

D Employer Identification Number (EIN)
38-3138388

Part I Distributions

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

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

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): _____ _____

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** 10

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

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

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

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

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

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

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

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

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

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

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

Part III Amendments

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

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

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

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

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

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

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

a Name of contributing employer

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

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

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

---

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: 48.2 % Investment-Grade Debt: 6.9 % High-Yield Debt: 0.0 % Real Estate: 0.0 % Other: 44.9 %

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):

AMERICAN AXLE & MANUFACTURING, INC.
RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

FINANCIAL STATEMENTS

December 31, 2017 and 2016

GJC GEORGE JOHNSON & COMPANY
CPAs | ADVISORS

AMERICAN AXLE & MANUFACTURING, INC.
RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

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GJC GEORGE JOHNSON & COMPANY
CPAs | ADVISORS

1200 Buhl Building
535 Griswold Street
Detroit, Michigan 48226-3689

(313) 965.2655 • Fax (313) 965.4614

INDEPENDENT AUDITOR'S REPORT

October 10, 2018

To the Participants and Plan Administrator
American Axle & Manufacturing, Inc. Retirement Program for Salaried Employees

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the American Axle & Manufacturing, Inc. Retirement Program for Salaried Employees (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2017 and 2016, and the related statements of changes in net assets available for benefits for the years then ended, as well as the related notes to the financial statements.

Management's Responsibility for the Financial Statements

The Plan's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

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

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, as amended ("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 4, which was certified by SEI Private Trust Company, the trustee and custodian of the Plan, except for comparing the information with the related information included in the financial statements.

INDEPENDENT AUDITOR'S REPORT (CONTINUED)

Basis for Disclaimer of Opinion (continued)

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 certifications from the trustee as of, and for the years ended, December 31, 2017 and 2016 that the information provided to the Plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

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

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

The form and content of the information included in the financial statements, 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.

George Johnson & Company

CERTIFIED PUBLIC ACCOUNTANTS
Detroit, Michigan

AMERICAN AXLE & MANUFACTURING, INC.
RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2017 and 2016

	2017	2016
ASSETS:		
Investments (Notes 2 and 4):		
Value of interest in American Axle & Manufacturing, Inc. Defined Benefit Plan Master Trust	$ 129,579,943	$ 118,656,269
Total Assets	129,579,943	118,656,269
LIABILITIES:		
Accrued administrative expenses	6,130	9,056
NET ASSETS AVAILABLE FOR BENEFITS	$ 129,573,813	$ 118,647,213

See accompanying notes to financial statements.

AMERICAN AXLE & MANUFACTURING, INC.
RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
YEARS ENDED DECEMBER 31, 2017 and 2016

	2017	2016
ADDITIONS:		
Interest and dividend income	$ 2,933,305	$ 2,594,166
Net appreciation in fair value of investment in American Axle & Manufacturing, Inc. Defined Benefit Plan Master Trust	15,401,893	7,279,049
Total Additions	18,335,198	9,873,215
DEDUCTIONS:		
Benefits paid to participants	6,377,753	6,346,047
Administrative expenses	1,030,845	981,302
Total Deductions	7,408,598	7,327,349
CHANGE IN NET ASSETS AVAILABLE FOR BENEFITS	10,926,600	2,545,866
NET ASSETS AVAILABLE FOR BENEFITS, BEGINNING OF YEAR	118,647,213	116,101,347
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	$ 129,573,813	$ 118,647,213

See accompanying notes to financial statements.

AMERICAN AXLE & MANUFACTURING, INC.
RETIREMENT PROGRAM FOR SALARIED EMPLOYEES

NOTES TO FINANCIAL STATEMENTS
YEARS ENDED DECEMBER 31, 2017 and 2016

1. DESCRIPTION OF THE PLAN

The American Axle & Manufacturing, Inc. Retirement Program for Salaried Employees (the "Plan") is a defined benefit plan, established as of March 1, 1994 and restated effective January 1, 2013, which covers all salaried employees of American Axle & Manufacturing, Inc. (the "Company") hired before January 1, 2002. The Plan provides for pension, disability, and death benefits. The Company has agreed to contribute such amounts as necessary to meet the minimum funding standards required by law. As of December 31, 2011, all benefit accruals, supplements and Part B contributions were frozen for all Plan participants.

The Plan provides for a retirement benefit that is calculated in two parts (referred to as "Parts A and B"). The Part A benefit is noncontributory and consists of basic benefits and three supplements, some of which are payable only to salaried associates hired before January 1, 1988 ("pre-88 associates") by General Motors Corporation ("GM") and transitioned to the Company on March 1, 1994. The Company pays the entire cost of Part A of the retirement program. The basic benefit is a monthly benefit determined by a flat dollar rate multiplied by years of credited service. Currently, the basic benefit provides a monthly lifetime benefit of up to $51.65 for every year of credited service earned after February 28, 1994. The first supplement is a temporary supplement which is paid only for disability retirements, with a 30-year maximum for credited service. This supplement is paid to retirees until age 62 and one month or, if earlier, when the employee becomes eligible for Social Security disability benefits. The second supplement is an early retirement supplement for those pre-88 associates who retire with at least 30 years of credited service. This supplement is paid to age 62 and one month if a retiree is under age 62 at retirement. The third supplement is an interim supplement for pre-88 early voluntary retirees who are between age 55 and 59, have less than 30 years of credited service at retirement, and have at least 85 "points" by adding together the age and service of the employee or pre-88 early voluntary retirees who are age 55 and have at least 10 years of service. This supplement is paid to retirees until age 62 and one month if a retiree is under age 62 at retirement.

The Part B benefit is optional and requires participant contributions, which are combined with the Company contributions for enhanced benefits. Part B provides primary benefits and supplementary benefits. Employees are eligible to contribute to Part B after they have six months of service and attained at least age 21. Each employee participating in Part B for primary benefits will contribute 1.25% of his or her monthly base salary in excess of $3,400. The primary benefit is based on participant contributions.

1. DESCRIPTION OF THE PLAN (CONTINUED)

The monthly lifetime benefit is 8.33% of the sum of all such participants' contributions through retirement. The supplementary benefits payable under Part B are based on each participant's final five-year average salary. Currently, the monthly benefit payment equals 1.00% of the participant's average monthly base salary in excess of $5,165.

Participants are vested after earning five years of credited service. Employees hired by GM prior to 1988 may retire at any age with 30 or more years of credited service, or between the ages of 55 and 59 with age plus credited service equaling at least 85 "points." Employees with 10 or more years of credited service may retire at any age prior to age 65 in the case of total and permanent disability or with 10 or more years of credited service and attainment of age 55. Employees at least age 65 are automatically vested.

The American Axle & Manufacturing, Inc. and Affiliated Corporation Salaried Cash Balance Pension Plan (the "Cash Balance Plan") merged into the Plan, effective December 31, 2011. Only salaried associates hired between January 1, 2002 and December 31, 2006, including those at Colfor Manufacturing, Inc. ("Colfor") and MSP Industries Corporation ("MSP"), were eligible participants in the Cash Balance Plan. A hypothetical account was established for each participant based on contribution points, which is equal to the total of an associate's age and service points. This account also accrues interest credits at the end of each quarter. The Cash Balance Plan was frozen on December 31, 2006 for the Company's salaried associates and frozen on December 31, 2009 for Colfor and MSP salaried associates. Only interest credits are credited to the hypothetical account after the freeze dates.

The Plan has met the minimum funding requirements of the Employee Retirement Income Security Act of 1974, as amended. The Company has the right under the Plan to discontinue such contributions at any time and to amend, modify, suspend or terminate the Plan, consistent with applicable law. No amendment, modification, suspension or termination of the Plan shall have the effect of providing that any amounts then held under the Plan may be used or diverted to any purpose other than for the exclusive benefit of members or their beneficiaries.

Should the Plan terminate at some future time, its net assets will generally not be available on a pro-rata basis to provide participants' benefits. Whether a particular participant's accumulated plan benefits will be paid depends on both the priority of those benefits and the level of benefits guaranteed by the Pension Benefit Guaranty Corporation ("PBGC") at the time. Some benefits may be fully or partially provided for by the then-existing assets and the PBGC guarantee, while other benefits may not be provided for at all.

1. DESCRIPTION OF THE PLAN (CONTINUED)

The foregoing description of the Plan provides only general information. Participants should refer to the summary plan description for a more complete representation of the Plan's provisions. Copies of the summary plan description are available from the Company's human resources department.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

General — The financial statements of the Plan are presented on the accrual basis of accounting, in accordance with accounting principles generally accepted in the United States of America ("GAAP").

Valuation of Investments — Investments in the American Axle & Manufacturing, Inc. Defined Benefit Plan Master Trust (the "Master Trust") are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price).

The shares of registered investment companies and units of money market funds are valued at quoted market prices that represent the asset value of the shares or units held by the Master Trust at year-end. Investments in U.S. government agency bonds are valued by independent pricing sources based on the quoted market prices of similar securities available in the over-the-counter market. Investments traded in the over-the-counter market and listed securities for which no sale was reported on that date are valued at the average of the last reported bid and ask prices.

Investments in a hedge fund (which invests primarily in equity securities which are not publicly traded) and a property fund (which invests primarily in U.S. Core Real Estate) have been estimated using the net asset value per share of each fund. The net asset value of the hedge fund is determined by using the fair value of the portfolio as of the close of business at the end of each month. The net asset value of the property fund is determined by using the fair value of the portfolio as of the close of business at the end of each quarter.

Investment Income — Purchases and sales of securities are recorded on a trade-date basis. Gains and losses on sales of securities are based on average costs. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation and depreciation include gains and losses on investments bought and sold, as well as held, during the year.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fair Value Measurements — The Plan uses fair value measurements in the preparation of its financial statements, which utilize various inputs, including those that can be readily observable, corroborated or are generally unobservable. The Plan utilizes market-based data and valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs. Additionally, the Plan applies assumptions that market participants would use in pricing an asset or liability, including assumptions about risk.

The measurement of fair value includes a hierarchy based on the quality of inputs used to measure fair value. Financial assets and liabilities are categorized into this three-level fair value hierarchy based on the inputs to the valuation technique. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets and liabilities and the lowest priority to unobservable inputs.

The various levels of the fair value hierarchy are described as follows:

- Level 1 — Financial assets and liabilities whose values are based on unadjusted quoted market prices for identical assets and liabilities in an active market that the Plan has the ability to access

- Level 2 — Financial assets and liabilities whose values are based on quoted prices in markets that are not active or model inputs that are observable for substantially the full term of the asset or liability

- Level 3 — Financial assets and liabilities whose values are based on prices or valuation techniques that require inputs that are both unobservable and significant to the overall fair value measurement

The use of observable market data, when available, is required in making fair value measurements. When inputs used to measure fair value fall within different levels of the hierarchy, the level within which the fair value measurement is categorized is based on the lowest level input that is significant to the fair value measurement.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Use of Estimates — The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and accumulated plan benefits at the date of the financial statements and the reported amounts of increases or decreases in net assets available for benefits and accumulated plan benefits during the reporting period. Actual results could differ from those estimates. The Master Trust invests in various securities, including registered investment companies, U.S. government agency bonds, money market funds, and a property fund. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

Actuarial Present Value of Accumulated Plan Benefits — Accumulated plan benefits (see Note 3) are those estimated future periodic payments, including lump-sum distributions, that are attributable under the Plan's provisions to services rendered by the employees to the valuation date. Accumulated plan benefits include benefits expected to be paid to: (a) retired or terminated employees or their beneficiaries, and (b) present employees or their beneficiaries. Benefits for retired or terminated employees or their beneficiaries are based on various plan benefit formulas, as defined in the Plan document, depending upon the date of the retirement, death or termination of employment. Benefits payable under all circumstances (retirement, death, disability and termination of employment) are included to the extent they are deemed attributable to employee service rendered to the valuation date.

Subsequent Events — The Plan's management has evaluated subsequent events through October 10, 2018, the date that the accompanying financial statements were available to be issued.

3. ACCUMULATED PLAN BENEFITS

The Plan's actuary, Willis Towers Watson, estimates the actuarial present value of accumulated plan benefits, which is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits earned by the participants to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements, such as for death, disability, withdrawal or retirement) between the valuation date and the expected date of payment.

3. ACCUMULATED PLAN BENEFITS (CONTINUED)

The accumulated plan benefit information as of January 1, 2017 and 2016 is as follows:

	2017	2016
ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS:		
Vested benefits	$ 140,768,259	$ 136,946,037
Nonvested benefits	3,487,612	3,713,152
TOTAL ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS	$ 144,255,871	$ 140,659,189

Changes in the actuarial present value of accumulated plan benefits for the year ended January 1, 2017 are as follows:

INCREASE (DECREASE) IN ACCUMULATED PLAN BENEFITS ATTRIBUTABLE TO:	
Benefits accumulated and other changes	$ (271,057)
Actuarial (gains)/losses	(354,250)
Decrease in discount period	6,112,103
Changes in actuarial assumptions	4,455,933
Benefits paid	(6,346,047)
CHANGE IN ACCUMULATED PLAN BENEFITS	3,596,682
ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS, JANUARY 1, 2016	140,659,189
ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS, JANUARY 1, 2017	$ 144,255,871

3. ACCUMULATED PLAN BENEFITS (CONTINUED)

The more significant assumptions underlying the actuarial valuations are as follows:

Actuarial cost method:	
Funding purposes	Projected unit credit
Accumulated plan benefits	Unit credit
Weighted average discount rate for the present value of accumulated plan benefits	2017 — 4.20% 2016 — 4.45%
Mortality basis	2017 and 2016 — RP-2014 healthy mortality with white collar adjustments, projected generationally using a modified scale MP-2014
Employee turnover	A moderate rate
Retirement	A graduated scale

These actuarial assumptions were based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

The actuarial present value of accumulated plan benefits is reported based on certain assumptions pertaining to interest rates, inflation rates, and employee compensation and demographics. Due to the nature of these assumptions and the uncertainties inherent in setting these assumptions, it is at least reasonably possible that changes in the near term to these assumptions would be material to the financial statements.

4. INVESTMENTS AND FAIR VALUE (UNAUDITED)

The following is a summary of unaudited information regarding the Plan and the Master Trust, included in the Plan's financial statements, that was prepared by SEI Private Trust Company ("SEI"), the Plan's trustee and custodian. The Plan administrator has obtained certifications from the trustee that such information is complete and accurate.

4. INVESTMENTS AND FAIR VALUE (UNAUDITED) (CONTINUED)

Assets certified by SEI as of December 31, 2017 and 2016 are as follows:

	2017	2016
CERTIFIED ASSETS:		
Investments:		
Value of interest in Master Trust	$ 129,579,943	$ 118,656,269

Investment income for the years ended December 31, 2017 and 2016 is as follows:

	2017	2016
Interest and dividend income	$ 2,933,305	$ 2,594,166
Net appreciation in fair value of investment in Master Trust	15,401,893	7,279,049
	$ 18,335,198	$ 9,873,215

The investment assets of the following plans are included in the Master Trust:

- American Axle & Manufacturing, Inc. Hourly-Rate Associates Pension Plan
- American Axle & Manufacturing, Inc. Retirement Program for Salaried Employees
- Colfor Manufacturing, Inc. United Automobile, Aerospace, and Agricultural Implement Workers of America Local 4199 Pension Plan
- MSP Industries Corporation United Automobile, Aerospace, and Agricultural Implement Workers of America Local 9699 Pension Plan

Earnings, market adjustments, trustee fees and expenses relating to investment transactions of the Master Trust are allocated to the participating plans based on each plan's beneficial interest in the trust assets. The Master Trust constitutes a single investment account as defined in the Master Trust reporting and disclosure rules and regulations of the U.S. Department of Labor.

4. INVESTMENTS AND FAIR VALUE (UNAUDITED) (CONTINUED)

The Master Trust's assets, including the fair value hierarchy for those assets measured at fair value on a recurring basis, as of December 31, 2017 and 2016 are summarized as follows:

	Fair Value Measurements			
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
2017				
ASSETS:				
Investments at fair value:				
Registered investment companies	$ 412,276,511	$ -	$ -	$ 412,276,511
U.S. government agency bonds		37,762,115		37,762,115
Money market funds	148,056			148,056
Total Investments at Fair Value	$ 412,424,567	$ 37,762,115	$ -	450,186,682
Investments measured at net asset value:				
Property fund				40,465,384
Total Investments				490,652,066
Interest and income receivable				2,032,933
TOTAL ASSETS				$ 492,684,999

4. INVESTMENTS AND FAIR VALUE (UNAUDITED) (CONTINUED)

	Fair Value Measurements			
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
2016				
ASSETS:				
Investments at fair value:				
Registered investment companies	$ 385,372,220	$ -	$ -	$ 385,372,220
U.S. government agency bonds		33,144,719		33,144,719
Money market funds	303,884			303,884
Total Investments at Fair Value	$ 385,676,104	$ 33,144,719	$ -	418,820,823
Investments measured at net asset value:				
Hedge and property funds				40,840,629
Total Investments				459,661,452
Interest and income receivable				575,888
TOTAL ASSETS				$ 460,237,340

The Plan's interest in the Master Trust as of December 31, 2017 and 2016 is as follows:

	2017	2016
Plan's Approximate Percentage Interest in Master Trust Assets	26.30%	25.78%

4. INVESTMENTS AND FAIR VALUE (UNAUDITED) (CONTINUED)

The changes in the Master Trust assets for the years ended December 31, 2017 and 2016 are summarized as follows:

	2017	2016
ADDITIONS:		
Interest and dividend income	$ 11,321,913	$ 10,159,834
Net appreciation in fair value of investments	55,566,362	27,303,986
Total Additions	66,888,275	37,463,820
DEDUCTIONS:		
Benefits paid to participants	29,919,333	29,980,906
Administrative expenses	4,521,283	4,192,214
Total Deductions	34,440,616	34,173,120
NET CHANGE	32,447,659	3,290,700
ASSETS, BEGINNING OF YEAR	460,237,340	456,946,640
ASSETS, END OF YEAR	$ 492,684,999	$ 460,237,340

As of December 31, 2017 and 2016, the Master Trust held the following investments with various parties-in-interest:

	2017	2016
Investments managed by SEI:		
Registered investment companies	$ 412,276,511	$ 385,372,220
Money market funds	148,056	303,884
Hedge and property funds	40,465,384	40,840,629
	$ 452,889,951	$ 426,516,733

4. INVESTMENTS AND FAIR VALUE (UNAUDITED) (CONTINUED)

The Master Trust's investments in hedge and property funds may be redeemed subject to the terms of the redemption request. There are no unfunded commitments to acquire additional units of these funds as of December 31, 2017.

5. TRANSACTIONS WITH PARTIES-IN-INTEREST

Certain investments held by the Master Trust as of December 31, 2017 and 2016 are managed by the Plan's trustee. Such investments fall within the investment guidelines of the Plan and Master Trust and are considered parties-in-interest. See Note 4 for investments held by the Master Trust with various parties-in-interest.

Fees for accounting, legal, and trustee services were paid by the Plan. The fees paid for services rendered by parties-in-interest were based on customary and reasonable rates for such services.

6. INCOME TAX STATUS

The Plan obtained its latest determination letter on November 21, 2014, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code ("IRC"). The Plan administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. In addition, the Plan administrator is not aware of any unrecognized tax benefits as of December 31, 2017 or 2016. Therefore, no provision for income taxes has been included in the Plan's financial statements.

7. NEW ACCOUNTING PRONOUNCEMENTS

The Financial Accounting Standards Board issued Accounting Standards Update ("ASU") 2017-06, *Employee Benefit Plan Master Trust Reporting*, in February 2017. ASU 2017-06 standardizes the presentation requirement for investments in master trusts and changes in investments in master trusts so that they are presented as single line items in the financial statements. ASU 2017-06 also requires all plans to disclose the dollar amount of their interest in each general type of investment, other assets, and liabilities held by master trusts, while removing the requirement to disclose the percentage interest in a master trust for plans with divided interests. ASU 2017-06 applies to the Plan's financial statements for the year ending December 31, 2019, with earlier implementation permitted, and is to be applied retrospectively. The Plan's management has not determined the impact on its financial statements as a result of implementing ASU 2017-06.

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V
Summary of Plan Provisions

AAM Retirement Program for Salaried Employees Provisions

The AAM and Affiliated Corporation Salaried Cash Balance Pension Plan was merged into the AAM Retirement Program for Salaried Employees on December 31, 2011. The provisions for the two prior plans are outlined separately below.

AAM Salaried Participants Hired before January 1, 2002

Effective Date	March 1, 1994 Restated January 1, 2013 and amended through end of 2014.
Employees Covered	Salaried employees of AAM hired before January 1, 2002.
Plan Year	First: March 1, 1994 to December 31, 1994; second and later: calendar years beginning on or after January 1, 1995.
Eligibility	Part A: Immediately upon becoming a salaried employee of AAM. Part B: Age 21, six months of service, and elect to contribute.
Grandfathered Participants	Participants who are active and a participant on December 31, 2006, and will be eligible to retire under the plan on or before December 1, 2011.
Freeze Date	Benefits were frozen on December 31, 2006, for non-grandfathered participants and benefits were frozen on December 31, 2011, for grandfathered participants.

SCHEDULE SB ATTACHMENTS

Credited Service

Generally all periods of service for which the employee is paid; however, credited service is frozen on December 31, 2006 for non-grandfathered participants and on December 31, 2011, for grandfathered participants for benefit purposes. Service after the freeze dates is counted for vesting purposes and determining retirement eligibility. Credited service with GM is included for determining eligibility for AAM benefits for associates defined as Transitioned Associates under the Plan. For employees with less than five years of service at March 1, 1994, GM credited service before March 1, 1994 counts for AAM benefits as well as eligibility. All credited service counts for Part B benefits for employees who contribute at all times while eligible; otherwise only credited service while contributing counts for Part B benefits.

Under the Voluntary Compliance Program (VCP) in 2010, fourteen non-grandfathered non-highly compensated participants were granted an additional year of benefit accrual for 2009.

Similarly in 2012, sixteen non-grandfathered, non-highly compensated participants were granted an additional year of benefit accrual for 2011.

Benefit Formula

All benefits were frozen as of December 31, 2006 for non-grandfathered participants and as of December 31, 2011 for grandfathered participants. Benefits are based on the credited service, basic benefit rate, and base pay as of the freeze date. There are no additional employee contributions after the freeze date.

Part A: Monthly pension of $51.65 times credited service.

Part B:

- Basic: Annual pension equals 100% of the Participant's contributions.
- Supplemental: Monthly pension is 1% of excess average monthly base pay times credited service. Excess average monthly base pay is the excess of average monthly base pay over 100 times the Part A basic benefit rate for Class D ($51.65). Average monthly base salary is the average salary rate for the highest 60 months during the last 120 months of employment before the freeze date.

Accrued Pension: The sum of the accrued Part A and Part B pensions earned by the Participant and payable from the plan's normal retirement date as a single life annuity.

SCHEDULE SB ATTACHMENTS

Participant Contributions

1.25% of monthly base salary in excess of $3,400. No further contributions are required after 35 years. No contributions after the freeze date.

2014 Window Benefit

In the fall of 2014, there was a limited time program called the AAM Pension Payout Offer. Under this program, terminated vested participants were offered a lump sum or immediate annuity as of December 1, 2014. Alternatively, participants could take no action under the program and would still be entitled to their annuity benefit upon attainment of retirement eligibility.

Benefits at Retirement

(a) Normal Retirement:

- Eligibility: Age 65
- Benefit: The accrued pension.

(b) Early Retirement:

- Eligibility: (1) Age 55 with at least 10 years of credited service, (2) if hired by GM before 1988, any age after completion of 30 years of credited service or (3) if hired by GM before 1988, age 55 with at least 85 points (sum of age and credited service). Service after the freeze date is counted for eligibility purposes.
- Benefit: The accrued pension, reduced for early commencement, plus a supplement. Sample early retirement factors are as follows:

Age	1) On or after age 60 or 2) Pre 1988 hires with a) 30 years of service or b) 85 points	Age 55 to 60 (Less Than 85 Points or Hired After 1987)
65	100.0%	100.0%
62	100.0%	78.4%
60	86.7%	64.0%
55	57.9%	46.0%

For Participants hired by GM before 1988, reductions in Part A pensions are restored at age 62 if the Participant has at least 30 years of service, or if the sum of the Participant's age and credited service at retirement is at least 85.

SCHEDULE SB ATTACHMENTS

Benefits at Retirement (cont.)

Supplements:

- Early retirement supplement: Participants hired by GM before 1988 who retire with at least 30 years of credited service are entitled to a monthly supplement until age 62. The amount is equal to the excess of a total benefit amount determined as for an hourly employee ($3,020), over the sum of Participant's reduced Part A and Part B supplemental pensions. Supplements are prorated based on credited service as of the freeze date, for participants whose credited service was frozen for benefit accrual purposes, but continued to grow for benefit eligibility purposes.

- Interim supplement: For Participants hired by GM before 1988 who retire with less than 30 years of credited service, a monthly interim supplement is payable until age 62. The interim supplement is equal to a rate at age of retirement as described in the Hourly Plan summary multiplied by credited service, reduced by Part B Supplementary Benefits. Supplements are prorated based on credited service as of the freeze date, for participants whose credited service was frozen for benefit accrual purposes, but continued to grow for benefit eligibility purposes.

- All early retirement supplements are payable beyond age 62 for individuals born between 1938 and 1945. These supplements are payable to the Social Security retirement age in which 80% of the normal benefit is payable.

(c) Disability Retirement:

- Eligibility: Qualification for disability under age 65 and after completing at least 10 years of eligibility credited service.
- Benefit: The accrued pension without reduction for early commencement plus a temporary benefit. For participants born between 1938 and 1945, the temporary benefit is payable to the Social Security retirement age in which 80% of the normal benefit is payable. For all other participants, the temporary benefit is payable until age 62. The monthly temporary amount is determined as described in the Hourly Plan summary. If the Participant has at least 30 years of credited service and was hired by GM before 1988, an early retirement supplement is also payable. The unreduced accrued pension and the temporary benefit are both subtracted in calculating the early retirement supplement for a special early retirement. American Axle assumes the individual has been approved for SSDI unless the participant provides proof otherwise, and then receives the temporary benefit.

Benefits at Retirement (cont.)

(d) Deferred Vested Retirement:

- Eligibility: Termination of employment before eligibility for retirement and for Part A and Part B supplemental pensions, after completing at least five years of service.
- Benefit: The full accrued pension is payable at age 65. A reduced pension is available as early as age 55. Sample reduction factors are as follows:

Age	Factor
65	100.0%
62	78.4%
60	64.0%
55	42.8%

(e) Early Retirement Window Retirement:

- An Early Retirement Window called the VSRIP (Voluntary Salaried Retirement Incentive Program) was offered in 2008 and 2009. Participants received up to three years (two in 2009) of age and/or service to attain retirement eligibility. The additional years of age and service are also reflected in the calculation of benefits and early retirement reduction factors.
- A cash balance account was also established under the plan and participants who did not need additional age or service to attain retirement eligibility received a $50,000 account addition. Participants who did need additional age or service to attain retirement eligibility received a $35,000 account addition.

Pre-retirement Death Benefits

(a) Eligibility: Death while a Participant

(b) Benefits:

- Unmarried: Lump sum payment of the Participant's contributions plus interest.
- Participant who is married (for at least one year on the date of death) but not eligible to retire: Deferred pension equal to 50% of the Participant's accrued Part B (primary plus supplemental) benefit plus, if the Participant is vested, a deferred pension equal to 50% of the Participant's accrued Part A pension, both payable at the Participant's normal retirement age.
- Participant who is married (for at least one year on the date of death) and eligible to retire: An immediate pension of 65% of the Participant's accrued Part B (primary plus supplemental) pension plus 65% of the Participant's immediate Part A benefit under the automatic 65% joint and survivor form.

SCHEDULE SB ATTACHMENTS

Forms of Payment

(a) Pre-retirement Spouse's Pensions: Payable for the life of the spouse.

(b) Supplements and Temporary Pensions: Payable for the life of the Participant, but not beyond age 62 (extended beyond 62 for participants born between 1938 and 1945 to the Social Security retirement age at which 80% of the normal benefit is payable).

(c) Regular Pensions:

- Normal form: Single life annuity.
- Automatic option for married Participants: A reduced 65% joint and survivor annuity with the spouse as beneficiary. The reduction is 5% plus/minus 0.5% for each year above five that the spouse is younger/older than the Participant, respectively (reduction not less than zero). The reduction is restored if the spouse dies before the participant. For participants whose Part A early retirement reduction is restored at age 62, the joint & survivor reduction is based on the post 62 benefit. For disability retirements before 55, the continuation percentage is 50% (instead of 65%), the reduction is actuarial equivalent (instead of 0.5% per year) and the benefit payable to the surviving spouse is deferred until the date in which the participant would have attained age 55. The standard automatic spouse provisions apply once the disability pensioner attains age 55.
- Other options: The Plan offers optional joint and survivor annuities.

(d) Contribution Withdrawals: Terminated Participants may elect to withdraw their contributions plus interest in a lump sum. Participants with less than five years of service who elect these options receive no other benefits. Participants who elect this option and have more than five years of service forfeit the employee-provided and supplementary portion of the Part B pension.

(e) Lump Sums: Lump sums are paid automatically to Participants whose employer-provided pensions have lump sum values of less than $1,000 to the participant or $5,000 to the beneficiary of a pre-retirement death benefit or an alternate payee. Lump sum values are based on the applicable interest rates which are the 3-segment corporate-bond rate basis under PPA with a look-back month of November and the applicable mortality table which is the IRS Prescribed Mortality for the Plan Year during which the participants' annuity starting date occurs. The cash balance account added as part of the 2008 and 2009 Early Retirement Windows may be paid as a single lump sum. (This applied only to the retirement incentive payments in the 2008 and 2009 VSRIP programs.)

Plan Name:	American Axle and Manufacturing, Inc. Retirement Program for Salaried Employees
EIN / PN:	38-3138388/002
Plan Sponsor:	American Axle & Manufacturing Inc.
Valuation Date	January 1, 2017

SCHEDULE SB ATTACHMENTS

Maximum Benefit and Pay	No benefit payable to a Participant can exceed the IRC Section 415 limit for the plan year. The amount of pay considered in figuring contributions of benefits for a year is limited by IRC Section 401(a)(17).
Coordination with GM Salaried Retirement Program	For GM employees who became AAM employees on March 1, 1994: ▪ GM will count AAM service towards eligibility for GM pensions. ▪ The early retirement supplement will be prorated between the GM and AAM plans based on service. The GM plan will credit 3% annual base salary increases in calculating GM Part B supplemental pensions provided the Participant leaves his contributions in the GM Plan until he/she terminates employment with AAM.

Cash Balance Benefits

Effective Date	January 1, 2001 Restated January 1, 2013 and amended through end of 2014.
Employees Covered	Any Salaried employee of Colfor Manufacturing, Inc., or MSP Team, LLC hired before January 1, 2010 and any Salaried employee of AAM hired on or after January 1, 2002 and before January 1, 2007.
Plan Year	Calendar year
Date of Participation	An employee shall become a Participant on the date he or she first performs an Hour of Service for the Corporation (AAM, Colfor Manufacturing, Inc. and MSP Team LLC) as a covered employee.

SCHEDULE SB ATTACHMENTS

Definitions

Benefit Service	Commencing on the date the employee first performs an Hour of Service but excluding Service: (1) In the case of Colfor and MSP participants, prior to April 1, 1999 (2) In the case of AAM participants, prior to January 1, 2002 (3) While not a salaried employee (4) With an affiliated or predecessor employer (5) Subsequent to the employee's layoff or termination of employment Service after January 1, 2007 for AAM participants and after January 1, 2010 for Colfor and MSP participants will be counted for vesting purposes and determining eligibility for early retirement.
Base Salary	A Participant's salary paid for a work week of not more than 40 hours exclusive of overtime, bonuses, differentials, deferred compensation and any other miscellaneous payments, determined as of January 1 of the Plan Year in question. If the Participant did not become a salaried employee until after January 1, the salary is determined as of the date he or she first became a salaried employee that Plan Year, multiplied by the fraction of the year that the employee worked in the given Plan Year.
Actuarial Equivalence (lump sums)	The Actuarial equivalent lump sum present value of a Participant's Accrued Benefit shall be computed using the applicable mortality table and the applicable interest rate. The applicable mortality table is the IRS Prescribed Mortality for the Plan Year during which the Participant's annuity starting data occurs and the applicable interest rate is the 3-segment corporate-bond rate basis under PPA for the month of November proceeding the first day of the Plan Year during which the Participant's annuity starting date occurs.
Normal Retirement Date	The first day of the month coincident with or next following attainment of age 65.
Early Retirement Date	The first day of the month coincident with or next following attainment of age 55 and 5 Years of Service.
Disability Retirement Date	The first day of the month coincident with or next following the date a Participant retires by reason of disability after completion of 5 Years of Service.

SCHEDULE SB ATTACHMENTS

Late Retirement Date

The first day of the month coincident with or next following termination of employment after Normal Retirement Date.

Benefit Formula

The accrued benefit is a monthly single life annuity at Normal Retirement Date, equal to the greater of (A) the Actuarial Equivalent of the Participant's projected Cash Balance Account at Normal Retirement Date or (B) the Participant's Minimum Benefit.

(A) Cash Balance Account

As of the date an employee becomes a Participant, a hypothetical account is established. On January 1 of each year, an amount is credited to a Participant's account equal to a percentage of the Participant's Base Salary for the prior Plan Year. Contribution credits cease for AAM participants effective January 1, 2007 and for Colfor and MSP participants effective January 1, 2010. The applicable percentage is based on Contribution Points, as follows:

Colfor and MSP Participants – Pre January 1, 2010
(Post January 1, 2010 is 0%)

Participant's Contribution Points	Percent of Base Salary Allocated
Less than 50 points	1.5%
50 to 69 points	2.0%
70 to 89 points	2.5%
90 points or more	3.0%

Benefit Formula (cont.)

American Axle Participants – Pre January 1, 2007
(Post January 1, 2007 is 0%)

Participant's Contribution Points	Percent of Base Salary Allocated
Less than 40 points	2.5%
40 to 59 points	3.0%
60 to 79 points	4.0%
80 points or more	5.0%

A Participant receives one age point for each year of age he or she has attained on the date of calculation, and he or she receives one service point for each year of benefit service he or she has attained at the date of calculation, and for Colfor and MSP participants, one service point for each year of benefit service prior to April 1, 1999. The Participant's contribution points are the sum of his or her age and service points on that date.

At the end of each calendar quarter, the Participant's account is credited with one quarter of the average Ten Year Treasury Constant Maturity rate effective for the November lookback month. For the 2017 plan year, a transition comparison will be used to set the interest crediting rate to be the greater of the old and the new interest crediting rate method. The prior interest crediting rate method was based on the Ten Year Constant Treasury Maturity rate effective at the beginning of the plan year. Interest credits continue after January 1, 2007 for AAM participants and after January 1, 2010 for Colfor and MSP participants.

Upon termination of employment, pay-based credits cease, but interest-based credits continue to be earned. Upon benefit commencement, interest based credits also cease.

Opening account balances for Participants as of January 1, 2001, were set equal to the product of:

(i) Participant's Base Salary for December 2000

(ii) Participants Benefit Service as of January 1, 2001

(iii) Participant's Contribution Percentage based on his or her Contribution Points on January 1, 2001

(B) Minimum Benefit

$22 multiplied by the Participant's years of Benefit Service credited while an eligible employee of Colfor or MSP.

Benefits at Retirement

Normal Retirement

- Eligibility: Termination of employment on Normal Retirement Date.
- Benefit: The Accrued Benefit determined at Normal Retirement Date.

Early Retirement

- Eligibility: Termination of employment after completion of 5 Years of Service and attainment of age 55, but before Normal Retirement Date.
- Benefit: The Accrued Benefit at date of early retirement, reduced 6.0% for each year that early commencement precedes age 65.

Late Retirement

- Eligibility: Termination of employment after Normal Retirement Date.
- Benefit: The Accrued Benefit determined at Late Retirement Date.

Plan Name:	American Axle and Manufacturing, Inc. Retirement Program for Salaried Employees
EIN / PN:	38-3138388/002
Plan Sponsor:	American Axle & Manufacturing Inc.
Valuation Date	January 1, 2017

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Deferred Vested Retirement

- Eligibility: Termination of employment after completion of three Years of Service and before eligibility for retirement. Previously a five-year requirement before the Pension Protection Act.
- Benefit: The full Accrued Benefit is payable at age 65. A Participant entitled to a Deferred Vested Benefit may elect commencement of his or her benefits, either in the form of a lump sum distribution or in the form of a reduced annuity, at the attainment of age 55. Reductions for commencement of retirement annuities before age 65 consistent with the Early Retirement section above.

Early Retirement Window Retirement

- An Early Retirement Window called the VSRIP (Voluntary Salaried Retirement Incentive Program) was offered to AAM participants in 2008 and 2009. Participants received up to three years (two in 2009) of age and/or service as needed to attain retirement eligibility. Participants who did not need additional age or service to attain retirement eligibility received a $50,000 cash balance account addition, while those participants who did need additional age or service to attain retirement eligibility received a $35,000 cash balance account addition.

Preretirement Surviving Spouse's Benefit

- Eligibility: Married Participants who die after having completed three Years of Service and before having commenced benefits.
- Benefit: The Preretirement Death Benefit shall be the Actuarial Equivalent of the Participant's Cash Balance Account; provided, the Participant's spouse is his or her Beneficiary. The benefit payable to the spouse shall not be less than:

  (i) If the Participant dies after age 55, the spouse's interest under a 50% Qualified J&S Annuity.

  (ii) If the Participant dies before age 55, the spouse's interest as though the Participant terminated on date of death (if actively employed when died), survived to age 55, retired electing a 50% Qualified J&S Annuity, then died the next day.

SCHEDULE SB ATTACHMENTS

Normal Form of Payment

Single Participants and Participants Married less than 1 year: Straight Life Annuity.

All other: 50% Joint and Survivor Annuity. The benefit payable to the Participant is 93% of the Accrued Benefit otherwise payable, if the Participant and spouse are within 5 years of age. If the age difference is greater than 5 years, the reduction shall be the actuarial equivalent of the Straight Life Annuity form of payment, computed using the Uninsured Pensioner's Mortality Table of 1994 and an interest rate assumption of 8%.

Alternate Forms of Payment

- Lump Sum: as an alternative to the normal payment forms, participants are permitted to receive the actuarial equivalent of their accrued benefits as a lump sum distribution.
- 75% Joint and Survivor Annuity. The benefit payable to the Participant is 90% of the Accrued Benefit otherwise payable, if the participant and spouse are within five years of age. If the age difference is greater than five years, the reduction shall be the actuarial equivalent of the Straight Life Annuity form of payment, computed using the Uninsured Pensioner's Mortality Table of 1994 and an interest rate assumption of 8%.

Maximum Benefit

No benefit payable to a Participant can exceed the IRC Section 415 limit for the plan year.

Plan Changes since Prior Valuation

The cash balance interest crediting rate was updated for the 2017 plan year and beyond to be based on the average Ten Year Treasury Constant Maturity rate effective for the November lookback month. For the 2017 plan year a transition comparison will be used to set the interest auditing rate to be the greater of the old and the new interest crediting rate method.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26
Schedule of Active Participant Data as of January 1, 2017

Attained Age	Years of Credited Service																	
	Under 1		1 to 4		5 to 9		10 to 14		15 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 & Over	
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.
Under 25	0		0		0		0		0		0		0		0		0		0	
25 - 29	0		0		0		0		0		0		0		0		0		0	
30 - 34	8		7		0		0		0		0		0		0		0		0	
35 - 39	8		20		4		2		0		0		0		0		0		0	
40 - 44	10		22		37		18		0		0		0		0		0		0	
45 - 49	5		31		39		32		5		11		0		0		0		0	
50 - 54	5		27		23		30		2		11		5		2		0		0	
55 - 59	2		16		26		18		3		3		4		12		5		0	
60 - 64	3		16		1		16		7		0		1		2		4		5	
65 - 69	2		3		0		2		5		0		0		0		0		0	
70 & Over	0		2		0		0		1		0		0		0		0		0	

Plan Name: American Axle and Manufacturing, Inc. Retirement Program for Salaried Employees
EIN / PN: 38-3138388/002
Plan Sponsor: American Axle & Manufacturing Inc.
Valuation Date January 1, 2017

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V
Statement of Actuarial Assumptions/Methods

Actuarial Assumptions and Methods – AAM Salaried Contributions

Economic Assumptions

Funding interest rates

Applicable month	September Lookback	
Yield curve basis	Segment Rates	
Interest rates	**Reflecting Corridors**	**Not Reflecting Corridors**
Years 1-5	4.16%	1.52%
Years 6-20	5.72%	3.80%
Years 21 and on	6.48%	4.79%
Effective interest rate	5.89%	4.10%
Cash balance interest crediting rate	Actual rate linearly grading to a long term assumption of 150 basis points less the plan's pension cost discount rate (currently 2.70%) over 5 years.	
Annual rates of increase		
Salaries	N/A	
Future Social Security wage bases	N/A	
Administrative expenses	Normal cost includes a provision for administrative expenses. The amount included for plan related expenses is $577,464 determined by taking previous year's actual administrative expenses adjusted for changes in the PBGC premium.	

Demographic Assumptions

Funding mortality

Non-Annuitant: RP 2000 projected 15 years from the valuation date using Scale AA (male and female)

Annuitant: RP 2000 projected 7 years from the valuation date using Scale AA (male and female)

SCHEDULE SB ATTACHMENTS

Termination

Participants with GM service are assumed to remain active until attaining retirement eligibility. Participants without GM service are assumed to terminate based on rates that vary by age and service. Sample rates per 100 Participants are as follows:

Age at Entry	Service			
	0	*1*	*5*	*10*
22	19.9	11.1	11.2	0.0
27	17.9	9.0	10.3	3.4
32	19.4	9.0	8.1	3.1
37	19.3	8.8	7.7	2.2
42	18.3	8.0	6.5	1.3
47	20.2	8.0	5.9	0.9
52	16.3	7.5	5.3	0.7

Disability

Rates varying by age. Sample annual rates per 100 Participants are as follows:

Age	Male	Female
25	0.05	0.06
40	0.14	0.20
55	0.96	0.85

Retirement

Rates that vary by age and service. Sample annual rates of retirement per 100 Participants are as follows:

Salaried Rates (includes all Cash Balance)		
Age	Hired<1988	Hired>1987
50	3	0
55	5	2
60	35	10
62	40	30
65	100	100

SCHEDULE SB ATTACHMENTS

Form of payment	Salaried: 100% elect annuity Cash Balance: 90% elect lump sum, 10% elect annuity
Percent married	85.0% males; 40.0% females
Percent electing joint and survivor coverage	Of those assumed to elect an annuity: 100.0% of married males; 50.0% of married females
Spouse's age	Wives 3 years younger than husbands.
Terminated vested participant benefit commencement date	Salaried: It is assumed terminated vested participants commence their benefits at age 60. Cash Balance: It is assumed active participants who terminate with vested benefits commence their benefits at age 55 (or at termination if later). Existing terminated vested participants are assumed to receive 20% of their remaining lump sum each year. Any remaining lump sum is paid in full at age 65.

Actuarial Methods

Funding target normal cost and funding target	Unit credit
Actuarial value of assets	Smoothed Value of Assets: Average of market values (adjusted for contributions, benefit/expense payments, and expected investment returns) as of valuation date and prior two valuation dates.
Benefits not valued	All benefits described in the summary of plan provisions section were valued.

SCHEDULE SB ATTACHMENTS

Change in Assumptions and Methods since Prior Valuation

Mortality	The healthy mortality used for contribution purposes was changed from the IRS 2016 mortality (Non-Annuitant: RP 2000 projected to 2031 and Annuitant: RP 2000 projected to 2023) to IRS 2017 mortality (Non-Annuitant: RP 2000 projected to 2032 using scale AA and Annuitant: RP 2000 projected to 2024).

Sources of Data and Other Information

Willis Towers Watson used asset data supplied by the trustee. AAM through its third party administrator, furnished participant data as of January 1, 2017. Data and other information were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with AAM, assumptions or estimates were made by the Willis Towers Watson actuaries when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date.

We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Administrative expenses	Plan-related expenses expected to be paid from the trust during the plan year are determined by taking the previous year's actual administrative expenses adjusted for changes in the PBGC premium.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2017

	Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1	Shortfall	01/01/2017	3,038,240	7	3,038,240	498,915
2	Shortfall	01/01/2016	1,650,539	6	1,465,386	272,708
3	Shortfall	01/01/2015	358,228	5	275,008	59,574
Total					4,778,634	831,197

Plan Name: American Axle and Manufacturing, Inc. Retirement Program for Salaried Employees
EIN / PN: 38-3138388/002
Plan Sponsor: American Axle & Manufacturing Inc.
Valuation Date January 1, 2017

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	American Axle & Manufacturing Inc.
EIN/PN	38-3138388/002
Plan Name	American Axle and Manufacturing, Inc. Retirement Program for Salaried Employees
Valuation Date	January 1, 2017
Enrolled Actuary	Margaret E. Smith
Enrollment Number	17-08104

1. A statement of actuarial methods and assumptions for the valuation as of January 1, 2017 is attached.

2. A summary of the principal eligibility and benefit provisions upon which the valuation was based is attached.

3. The development of the weighted average retirement age calculation method per line 22 is attached.

4. The schedule of active participant data per line 26 is attached.

5. A description of the schedule of amortization bases per line 32 is attached.

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2017

A fixed population and the retirement rates described in the attached Actuarial Assumptions and Methods were used to project the number of retirements per year. Retirement age was calculated by taking the weighted average of retirements by age and service. The average expected retirement age is 63 as of the valuation date. Sample rates are as follows:

	Rates	
Age	**Pre-88 Hires**	**Post-88 Hires**
50	0.03	0.00
55	0.05	0.02
60	0.35	0.10
62	0.40	0.30
65	1.00	1.00

Plan Name:	American Axle and Manufacturing, Inc. Retirement Program for Salaried Employees
EIN / PN:	38-3138388/002
Plan Sponsor:	American Axle & Manufacturing Inc.
Valuation Date	January 1, 2017

SCHEDULE SB (Form 5500)	Single-Employer Defined Benefit Plan Actuarial Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	2017 This Form is Open to Public Inspection

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan AMERICAN AXLE & MANUFACTURING, INC. RETIREMENT PROGRAM FOR SALARIED EMPLOYEES	**B** Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AMERICAN AXLE & MANUFACTURING, INC.	**D** Employer Identification Number (EIN) 38-3138388

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2017

2 Assets:

a Market value	2a	118,875,406
b Actuarial value	2b	120,644,918

3 Funding target/participant count breakdown

	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	659	68,716,323	68,716,323
b For terminated vested participants	413	11,820,890	11,820,890
c For active participants	523	27,850,939	30,561,463
d Total	1,595	108,388,152	111,098,676

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	4a	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5 Effective interest rate	5	5.89%
6 Target normal cost	6	577,464

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE Margaret E. Smith MES — October 2, 2018

Signature of actuary — Date

Margaret E. Smith — 1708104

Type or print name of actuary — Most recent enrollment number

Towers Watson Delaware Inc. — 248-936-7700

Firm name — Telephone number (including area code)

26555 Evergreen, Suite 1600

Southfield MI 48076

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	14,195,444
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	1,007,379
9	Amount remaining (line 7 minus line 8)	0	13,188,065
10	Interest on line 9 using prior year's actual return of 8.62%	0	1,136,811
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 6.09%		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	14,324,876

Part III Funding Percentages

14	Funding target attainment percentage	14	95.69%
15	Adjusted funding target attainment percentage	15	108.59%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	98.19%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
			Totals ▶ 18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	☐ N/A, full yield curve used
4.16 %	5.72 %	6.48%	

b Applicable month (enter code)	21b	4
22 Weighted average retirement age	22	63

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):		
a Target normal cost (line 6)	31a	577,464
b Excess assets, if applicable, but not greater than line 31a	31b	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	4,778,634	831,197
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	1,408,661

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	1,408,661	1,408,661

36 Additional cash requirement (line 34 minus line 35)	36	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40 Unpaid minimum required contributions for all years	40	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:		
a Schedule elected		☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made		☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011
42 Amount of acceleration adjustment	42	0
43 Excess installment acceleration amount to be carried over to future plan years	43	0