

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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.5em; font-weight: bold;">2018</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)	
	☒ a single-employer plan ☐ a DFE (specify) ____		
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ☒		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ special extension (enter description)	☐ the DFVC program

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>PENSION PLAN FOR DISCONTINUED OPERATIONS OF ROBERT BOSCH</u>	1b	Three-digit plan number (PN) ▶ <u>010</u>
		1c	Effective date of plan <u>05/01/1988</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>ROBERT BOSCH LLC</u> <u>38000 HILLS TECH DRIVE</u> <u>FARMINGTON HILLS, MI 48331</u>	2b	Employer Identification Number (EIN) <u>36-2903176</u>
		2c	Plan Sponsor's telephone number <u>248-553-9000</u>
		2d	Business code (see instructions) <u>423100</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2019	GARY GRABARCZYK
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2018)
v. 171027

3a Plan administrator's name and address ☐ Same as Plan Sponsor BOSCH BENEFIT PLANS COMMITTEE 38000 HILLS TECH DRIVE FARMINGTON HILLS, MI 48331	3b Administrator's EIN 36-2903176 3c Administrator's telephone number 248-553-9000
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 2427
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 133 6a(2) 118 6b 1594 6c 405 6d 2117 6e 248 6f 2365 6g 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 1B 1C 1I 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

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

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ 0 **A** (Insurance Information)
- (4) ☐ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 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 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ **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 <u>PENSION PLAN FOR DISCONTINUED OPERATIONS OF ROBERT BOSCH</u>	B Three-digit plan number (PN) ▶ <u>010</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>ROBERT BOSCH LLC</u>	D Employer Identification Number (EIN) <u>36-2903176</u>

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500
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Part I	Basic Information
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1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2018</u>			
2 Assets:			
a Market value.....	2a	<u>76660268</u>	
b Actuarial value	2b	<u>72175426</u>	
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	<u>1848</u>	<u>47544807</u>	<u>47544807</u>
b For terminated vested participants	<u>446</u>	<u>9705421</u>	<u>9705421</u>
c For active participants	<u>133</u>	<u>2949889</u>	<u>2961235</u>
d Total	<u>2427</u>	<u>60200117</u>	<u>60211463</u>
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	<u>5.56 %</u>	
6 Target normal cost	6	<u>525504</u>	

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	<u>09/09/2019</u>	Date
<u>KAREN A. HIRSCHHORN</u>	<u>17-04099</u>	Most recent enrollment number
Type or print name of actuary	<u>847-295-5000</u>	Telephone number (including area code)
<u>AON CONSULTING, INC.</u>		
Firm name		
<u>4 OVERLOOK POINT LINCOLNSHIRE, IL 60069-4302</u>		
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	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8).....	0	0
10 Interest on line 9 using prior year's actual return of <u>13.58</u> %	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		56483
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 <u>5.74</u> %.....		3242
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		59725
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	0

Part III Funding Percentages

14 Funding target attainment percentage	14	119.86%
15 Adjusted funding target attainment percentage.....	15	119.86%
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	122.46%
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? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ 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: 3.92%	2nd segment: 5.52%	3rd segment: 6.29%	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 61
23 Mortality table(s) (see instructions)	Prior regulation:	☐ Prescribed - combined	☐ Prescribed - separate	☐ Substitute
	Current regulation:	☐ 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	525504	
b Excess assets, if applicable, but not greater than line 31a	31b	525504	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment	0		0
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	0	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
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

<div>SCHEDULE D</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div>		<div>DFE/Participating Plan Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>		<div>OMB No. 1210-0110</div> <div>2018</div> <div>This Form is Open to Public Inspection.</div>	
For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018					
<div>A Name of plan</div> <div>PENSION PLAN FOR DISCONTINUED OPERATIONS OF ROBERT BOSCH</div>				<div>B Three-digit plan number (PN)</div> <div>010</div>	
<div>C Plan or DFE sponsor's name as shown on line 2a of Form 5500</div> <div>ROBERT BOSCH LLC</div>				<div>D Employer Identification Number (EIN)</div> <div>36-2903176</div>	
<div>Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</div> <div>(Complete as many entries as needed to report all interests in DFEs)</div>					
a Name of MTIA, CCT, PSA, or 103-12 IE: ROBERT BOSCH LLC MSTR TRUST RET TR					
b Name of sponsor of entity listed in (a): ROBERT BOSCH LLC					
c EIN-PN 36-2903176-100		d Entity code M		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 67351869	
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)	

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Schedule D (Form 5500) 2018 v.171027

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

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
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u>		
A Name of plan <u>PENSION PLAN FOR DISCONTINUED OPERATIONS OF ROBERT BOSCH</u>	B Three-digit plan number (PN) ►	<u>010</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>ROBERT BOSCH LLC</u>	D Employer Identification Number (EIN) <u>36-2903176</u>	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.				
	Assets			
a	Total noninterest-bearing cash	1a		
b	Receivables (less allowance for doubtful accounts):			
	(1) Employer contributions	1b(1)		
	(2) Participant contributions	1b(2)		
	(3) Other	1b(3)	4406740	0
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)	72222335	67351869
	(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	76629075 67351869
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	91207 98632
i	Acquisition indebtedness	1i	
j	Other liabilities	1j	
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	91207 98632
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	76537868 67253237

Part II Income and Expense Statement

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

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	
	(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)	0
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)	0
(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)	0
(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)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-3359901
(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		-3359901

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	5250938	
(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)		5250938
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)	673792	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		673792
j Total expenses. Add all expense amounts in column (b) and enter total	2j		5924730

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-9284631
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: PRICEWATERHOUSECOOPERS, LLP

(2) EIN: 13-4008324

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

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

Part IV Compliance Questions

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

During the plan year:

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

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		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.).....		X	
e Was this plan covered by a fidelity bond?	X		15000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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?.....		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?.....		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.)		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.)		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?		X	
l Has the plan failed to provide any benefit when due under the plan?.....		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
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.			

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 4149409. (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 2018 This Form is Open to Public Inspection.
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan <u>PENSION PLAN FOR DISCONTINUED OPERATIONS OF ROBERT BOSCH</u>	B Three-digit plan number (PN) ▶ <u>010</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>ROBERT BOSCH LLC</u>	D Employer Identification Number (EIN) <u>36-2903176</u>

Part I	Distributions
---------------	----------------------

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>36-3046063</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>15</u>

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

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

Schedule R (Form 5500) 2018
v. 171027

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****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

b The corresponding number for the second preceding plan year

15a**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

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

16a**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: 45.0 % Investment-Grade Debt: 55.0 % High-Yield Debt: 0.0 % Real Estate: 0.0 % Other: 0.0 %

- 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):

Pension Plan for Discontinued Operations of Robert Bosch

Financial Statements

December 31, 2018 and 2017

Pension Plan for Discontinued Operations of Robert Bosch

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 Note: Supplemental schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have not been included herein as they are not applicable.	



Report of Independent Auditors

To the Administrator of the Pension Plan for Discontinued Operations of Robert Bosch

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the Pension Plan for Discontinued Operations of Robert Bosch (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the 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.

Auditors' Responsibility

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

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by The Northern Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained certifications from the trustee as of December 31, 2018 and 2017 and for the years then ended, 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 the 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 Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

A handwritten signature in black ink that reads "PricewaterhouseCoopers LLP".

October 15, 2019

Pension Plan for Discontinued Operations of Robert Bosch
Statements of Net Assets Available for Benefits
December 31, 2018 and 2017

	2018	2017
Assets		
Plan interest in Robert Bosch LLC Master Retirement Trust, at fair value	\$ 67,351,869	\$ 72,222,335
Liabilities		
Accrued expenses	<u>98,632</u>	<u>91,207</u>
Net assets available for benefits	<u>\$ 67,253,237</u>	<u>\$ 72,131,128</u>

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

Pension Plan for Discontinued Operations of Robert Bosch
Statements of Changes in Net Assets Available for Benefits
Years Ended December 31, 2018 and 2017

	2018	2017
Additions		
Plan interest in net investment (loss) income of Robert Bosch LLC Master Retirement Trust	\$ (3,359,901)	\$ 9,088,135
Deductions		
Benefit payments	5,250,938	4,830,105
Administrative expenses	<u>673,792</u>	<u>568,849</u>
Total deductions	<u>5,924,730</u>	<u>5,398,954</u>
Net (decrease) increase before transfers	(9,284,631)	3,689,181
Transfer of assets relating to plan merger (Note 1)	4,406,740	-
Net assets available for benefits		
Beginning of year	<u>72,131,128</u>	<u>68,441,947</u>
End of year	<u>\$ 67,253,237</u>	<u>\$ 72,131,128</u>

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

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

1. Description of the Plan

The following brief description of the Pension Plan for Discontinued Operations of Robert Bosch (the "Plan") is provided for general information purposes only. Participants should refer to the Plan document for a more complete description.

The assets of the Plan are invested in the Robert Bosch LLC Master Retirement Trust ("Master Trust").

General

The Plan, established May 1, 1988, is a noncontributory, defined-benefit pension plan covering former hourly employees of Robert Bosch Fluid Power who are members of Lodge No. 437, International Association of Machinists and Aerospace Workers, A.F.L.-C.I.O. (the "Union"). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

Effective July 2, 2002, the Racine, Wisconsin, plant was closed. Due to the plant closing, active participants were deemed fully vested and benefits were frozen.

Prior to the plant closure, all hourly employees of Robert Bosch Fluid Power became participants in the Plan provided they were members of the Union.

Effective January 1, 2018, the Gilmour Hose Company Hourly Employees' Pension Plan ("Gilmour Hose Plan") and the Bosch Security Systems, Inc. Pension Plan for Hourly Employees ("Security Systems Plan") were merged with and into the Plan. As a result of the mergers, net assets available for benefits approximating \$2,479,492 and the actuarial present value of accumulated plan benefits approximating \$2,066,552 of the Gilmour Hose Plan, and net assets available for benefits approximating \$1,927,248 and the actuarial present value of accumulated plan benefits approximating \$1,822,687 of the Security Systems Plan, were transferred to the Plan on that date. In addition to the January 1, 2018 mergers, since 2007, the following plans sponsored by Robert Bosch LLC (the "Company") were merged into the Plan. The mergers did not impact participants' pension benefits as the benefit provisions of the merged plans have been incorporated into the Plan. All participants have ceased receiving pension accruals as all plans are frozen.

- Forest City Tool Hourly Employees' Pension Plan
- Vermont American Corporation Pension Plan for Vermont Tap and Die Company and Northeast Tool Division
- Mobile Hydraulics Division U.A.W. Retirement Income Plan
- Bosch Automotive Motor Systems Retirement Plan
- Greenville, North Carolina Division of Vermont American Corporation Restated Pension Plan
- Gilmour Manufacturing Company Hourly Employees' Pension Plan
- Telex Communications, Inc. Employees' Pension Plan
- Hagglunds Drives, Inc. Salaried Pension Plan

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

Contributions

The Company has agreed to voluntarily contribute such amounts as are necessary to provide assets sufficient to meet the funding requirements of ERISA. There were no contributions required for 2018 or 2017.

Benefit Payments

Original benefit provisions of each previous plan have been incorporated into and are defined in the Plan document. A participant is generally eligible for normal retirement benefits on or after the attainment of the defined retirement age and completion of 5 years of vesting service. For normal retirement, pension is payable for the life of the participant in the form of an annuity based on a combination of years of service, eligible compensation or a specified multiplier based on severance date, as applicable. Benefits under the former Telex Communications, Inc. Employees' Pension Plan were calculated based on a cash balance formula.

Certain former plans provide for retirement benefits prior to the defined normal retirement age, which may be reduced unless defined service periods have been reached.

Optional forms of payment are available if elected by the participant as described in the Plan document. A participant that is married throughout the one-year period ending on their annuity starting date shall receive a qualified joint and survivor annuity unless spousal consent is received for an alternate benefit payment.

Certain participants are eligible for disability benefits on or after the completion of a specified vesting period and after being totally and permanently disabled, as defined in the Plan document. Certain participants' beneficiaries are entitled to death benefits, as defined in the Plan document.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right to terminate the Plan subject to the provisions of ERISA and as described in the Plan document. 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 the priority of those benefits, the financial condition of the Company, and the level of benefits guaranteed by the Pension Benefit Guaranty Corporation ("PBGC") at that 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.

Administrative Expenses

Substantially all administrative expenses allowable under ERISA are paid by the Plan; all other expenses are paid by the Company.

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

2. Significant Accounting Policies

New Accounting Pronouncement

In February 2017, the Financial Accounting Standards Board issued ASU 2017-06 Employee Benefit Plan Master Trust Reporting to improve the usefulness of information reported to users of employee benefit plan financial statements by clarifying presentation requirements for a plan's interest in a master trust and requiring more detailed disclosures of the plan's interest in the master trust. The new guidance requires that a plan's interest in a master trust and changes in that interest be reported in separate line items in the statement of net assets available for benefits and statement of changes in net assets available for benefits, respectively. The new guidance also removes the requirement to disclose the percentage interest for plans with a divided interest in a master trust, requires all plans to disclose the dollar amount of their interest in each general investment type of the master trust, and requires plans to disclose the master trust's other asset and liability balances and the dollar amount of the plan's interest in each of those balances. This guidance is effective for the plan year ending December 31, 2019, with retrospective application required. Early adoption is permitted. The Plan's management is currently reviewing the impact of this guidance on the Plan's financial statements and the accompanying notes to the financial statements.

Basis of Accounting

The financial statements of the Plan have been prepared on the accrual basis of accounting and in conformity with accounting principles generally accepted in the United States of America ("GAAP").

Benefit Payments

Benefits are recorded when paid.

Investment Valuation and Income Recognition

The Master Trust's investments are stated at fair value. The fair value of the participation units in the common collective trusts is based on the net asset value ("NAV") of units held on the last business day of the Plan year. The NAV as provided by the trustee is used as a practical expedient to estimate fair value. Securities such as common stock, preferred stock, and real estate investment trusts traded on a national securities exchange are valued at the last reported sales price or official closing price on the last business day of the Plan year; 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. Fixed income securities such as corporate debt instruments and U.S. government securities are valued based on yields currently available on comparable securities of issuers with similar credit ratings. When quoted prices are not available, the bond is valued using matrix pricing or models from reputable pricing vendors. Certificates of deposit are valued at amortized cost.

Investment transactions of the Master Trust are recorded on the trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits (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 date the benefits were frozen. 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 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 date the benefits were frozen.

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires the plan administrator to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Administrative Expenses

Administrative expense includes both identified fees specific to the Plan as well as periodic fees allocated from the Master Trust. Periodic fees allocated from the Master Trust were \$169,295 and \$163,147 for 2018 and 2017, respectively.

3. Accumulated Plan Benefits

The Plan uses an independent actuary to calculate 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.

The actuarial present value of accumulated plan benefits as of December 31, 2017 was as follows:

Vested benefits

Participants currently receiving payments	\$ 48,990,256
Other participants	<u>14,585,817</u>
Total vested benefits	63,576,073

Nonvested benefits

	<u>13,278</u>
Total actuarial present value of accumulated plan benefits	<u>\$ 63,589,351</u>

The following summarizes the significant components of the change in the actuarial present value of accumulated plan benefits from December 31, 2016 to 2017:

Actuarial present value of accumulated plan benefits as of December 31, 2016	\$ 62,627,013
Increase (decrease) during the year attributable to	
Interest accumulation	3,012,071
Benefits paid	(4,830,105)
Assumption changes	(575,569)
Merger of Security Systems Plan	1,822,687
Merger of Gilmore Hose Plan	2,066,552
Actuarial experience gain/loss	<u>(533,298)</u>
Actuarial present value of accumulated plan benefits as of December 31, 2017	<u>\$ 63,589,351</u>

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

Significant assumptions underlying the actuarial computations are as follows:

	December 31, 2017	December 31, 2016
Interest Rate	5.00%	5.00%
Retirement rate		
Actives	Age 55 – 70	Age 55 – 65
Term Vested	Age 63	Age 62
Mortality	RP-2006 with Scale	RP-2006 with Scale
	MP-2018	MP-2017
Cash Balance Interest Crediting Rate	3.02%	2.38%
Cash Balance Annuity Conversion Rate	3.50%	3.95%

Additional assumption changes include a change in the retirement and termination rates to better reflect plan experience (Telex participants only) and a change in the percent married assumption to be 80% for all locations. In addition, the crediting rate on the VPA account was updated from 3.02% to 2.88% and the crediting rate on the PPA account was updated from 2.36% to 2.62%.

These actuarial assumptions are 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.

4. Certification of Investment Information

All investment information disclosed in the accompanying financial statements, including plan interest in Robert Bosch LLC Master Retirement Trust at December 31, 2018 and 2017, plan interest in net investment (loss) income of Robert Bosch LLC Master Retirement Trust for the years then ended, and the investments and investment (loss) income information of the Master Trust presented in Note 5, was obtained or derived from information supplied to the plan administrator and certified as complete and accurate by The Northern Trust Company ("Trustee").

5. Investment in Master Trust

The Plan's investments are in the Master Trust, which was established for the investment of assets of the Plan, and several other Company-sponsored retirement plans. Each participating retirement plan has an undivided interest in the Master Trust. At December 31, 2018 and 2017, the Plan's interest in the net assets of the Master Trust was approximately 3.9% and 4.0%. The value of the Plan's interest is determined on the basis of cumulative funds specifically contributed on behalf of the Plan, net of funds withdrawn for benefit payments and expenses specific to the Plan and adjusted for an allocation of investment income and investment expenses. Investment income and expenses are allocated monthly to the Plan based upon its pro rata share in the net assets of the Master Trust.

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

The following table presents the net assets of the Master Trust at December 31:

	2018	2017
Investments, at fair value		
Common collective trusts	\$ 961,820,051	\$ 1,026,182,672
Common stock	383,984,527	458,378,245
Preferred stock	1,644,070	1,924,989
Corporate debt instruments - Other	204,159,905	197,646,927
Corporate debt instruments - Preferred	13,629,067	18,017,808
U.S. government securities	117,107,092	100,660,987
Real estate investment trusts	7,507,621	5,985,894
Interest bearing cash and certificates of deposit	11,996,559	13,795,053
Other	1,725,009	2,142,360
Total investments	1,703,573,901	1,824,734,935
Accrued interest and dividend income	4,615,953	3,750,691
Pending trade sales	291,770	71,484
Total assets	1,708,481,624	1,828,557,110
Liabilities		
Pending trade purchases	1,090,096	845,696
Accrued expenses	945,771	982,810
Total liabilities	2,035,867	1,828,506
Net assets	\$ 1,706,445,757	\$ 1,826,728,604

The following table presents the changes in net assets of the Master Trust for the years ended December 31:

	2018	2017
Interest and dividend income	\$ 22,313,727	\$ 19,744,683
Net (depreciation) appreciation in fair value of investments	(108,371,000)	207,021,298
Investment expenses	(4,277,215)	(4,097,623)
Net investment (loss) income	(90,334,488)	222,668,358
Net transfers	(26,496,896)	(23,149,444)
Administrative expenses	(3,451,463)	(3,257,651)
(Decrease) increase in net assets	(120,282,847)	196,261,263
Net assets		
Beginning of year	1,826,728,604	1,630,467,341
End of year	\$ 1,706,445,757	\$ 1,826,728,604

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

6. Fair Value Measurements

The FASB established a framework to increase consistency and comparability in fair value measurements. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Master Trust has the ability to access.

Level 2 Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

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

For a description of the valuation methodologies used for assets measured at fair value see Investment Valuation and Income Recognition under Note 2. There have been no changes in the methodologies used at December 31, 2018 and 2017. In determining the reasonableness of the methodology, the Plan's Investment Committee evaluates a variety of factors including review of existing contracts, economic conditions, industry and market developments, and overall credit ratings. These methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Master Trust believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

For the years ended December 31, 2018 and 2017, there were no significant transfers in or out of levels 1, 2 or 3.

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

The following tables set forth by level within the fair value hierarchy the Master Trust's investment assets at fair value as of December 31, 2018 and 2017:

	Investment Assets at Fair Value as of December 31, 2018			
	Level 1	Level 2	Level 3	Total
Common stock	\$ 383,984,527	\$ -	\$ -	\$ 383,984,527
Corporate debt instruments				
Corporate debt instruments - preferred	-	13,629,067	-	13,629,067
Corporate debt instruments - other	-	204,159,905	-	204,159,905
Preferred stock	1,644,070	-	-	1,644,070
U.S. government securities	-	117,107,092	-	117,107,092
Real estate investment trusts	7,507,621	-	-	7,507,621
Interest bearing cash and certificates of deposit	5,892,433	6,104,126	-	11,996,559
Other	398,191	1,326,818	-	1,725,009
Total Assets in the Fair Value Hierarchy	399,426,842	342,327,008	-	741,753,850
Common collective trusts (a)				961,820,051
Total Master Trust Investment at Fair Value	\$ 399,426,842	\$ 342,327,008	\$ -	\$ 1,703,573,901

	Investment Assets at Fair Value as of December 31, 2017			
	Level 1	Level 2	Level 3	Total
Common stock	\$ 458,378,245	\$ -	\$ -	\$ 458,378,245
Corporate debt instruments				
Corporate debt instruments - preferred	-	18,017,808	-	18,017,808
Corporate debt instruments - other	-	197,646,927	-	197,646,927
Preferred stock	1,924,989	-	-	1,924,989
U.S. government securities	-	100,660,987	-	100,660,987
Real estate investment trusts	5,985,894	-	-	5,985,894
Interest bearing cash and certificates of deposit	3,444,608	10,350,445	-	13,795,053
Other	532,430	1,609,930	-	2,142,360
Total Assets in the Fair Value Hierarchy	470,266,166	328,286,097	-	798,552,263
Common collective trusts (a)				1,026,182,672
Total Master Trust Investment at Fair Value	\$ 470,266,166	\$ 328,286,097	\$ -	\$ 1,824,734,935

- (a) In accordance with Subtopic 820-10, certain investments that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Master Trust's statements of net assets.

Common collective trusts consist of pools of investments used by institutional investors to obtain equity and fixed income market exposures by investing in funds which are intended to mirror market indices. They are valued on the basis of the relative interest of each participating investor in the fair value of the underlying assets of each of the respective common collective trusts. The funds are valued using NAV as provided by the investment account manager as a practical expedient. As of December 31, 2018 and 2017, the Master Trust is not holding any unfunded commitments.

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

Common collective trusts included in the Master Trust are:

<u>December 31, 2018</u>	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Coltv Short Term Investment Fund	\$ 29,293,180	n/a	Daily	None
FEBT Emerging Market Fund	\$ 47,174,580	n/a	Daily	15 Days
MFB NT Collective Russell 1000 Growth Index Fund Non-Lending	\$ 218,997,075	n/a	Daily	60 Days
Northern Trust Collective Short Term Government Bond Index Fund Non-Lending	\$ 164,864,240	n/a	Daily	60 Days
MFB NT Collective Long Term Credit Bond Index Fund Non-Lending	\$ 296,259,802	n/a	Daily	60 Days
MFB NTGI-QM Coltv Daily 1-5 Yr Cr Bd Index Fund Non-Lending	\$ 153,606,907	n/a	Daily	60 Days
MFB NT Collective EAFE Index Fund Non-Lending	\$ 22,446,157	n/a	Daily	60 Days
NT Collective Developed International Small Cap Index Fund Non-Lending	\$ 29,178,110	n/a	Daily	60 Days
Total	\$ 961,820,051			

<u>December 31, 2017</u>	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Coltv Short Term Inv Fd	\$ 33,433,424	n/a	Daily	None
FEBT Emerging Market Fund	\$ 53,464,438	n/a	Daily	15 Days
MFB NT Collective Russell 1000 Growth Index Fund - Non Lending	\$ 246,097,000	n/a	Daily	60 Days
Northern Trust Collective Short Term Government Bond Index Fund - Non-Lending	\$ 162,423,876	n/a	Daily	60 Days
MFB NT Collective Long Term Credit Bond Index Fund - Non Lending	\$ 317,402,969	n/a	Daily	60 Days
MFB NTGI-QM Coltv Daily 1-5 Yr Cr Bd Index Fd - Non Lending	\$ 152,037,488	n/a	Daily	60 Days
MFB NT Collective EAFE Index Fund - Non Lending	\$ 25,877,983	n/a	Daily	60 Days
NT Collective Developed International Small Cap Index Fund - Non Lending	\$ 35,445,494	n/a	Daily	60 Days
Total	\$ 1,026,182,672			

7. Risks and Uncertainties

The Master Trust invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statement of net assets available for benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits is reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

Pension Plan for Discontinued Operations of Robert Bosch

Notes to Financial Statements

December 31, 2018 and 2017

8. Tax Status

The Internal Revenue Service ("IRS") has determined and informed the Company in a letter dated May 10, 2018, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code (the "Code"). Although the Plan has been amended since receiving the determination letter, the plan administrator and the Plan's ERISA counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code and therefore believe that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax asset or liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2018 and 2017, there are no uncertain positions taken or expected to be taken that would require recognition of an asset or liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes the Plan is no longer subject to income tax examinations for years beginning prior to January 1, 2015.

9. Party-in-Interest Transactions

The Master Trust invests in a corporate bond issued by and common collective trusts managed by the Trustee or its affiliates. These transactions qualify as exempt party-in-interest transactions. Fees paid to the Trustee by the Master Trust for 2018 and 2017 were \$1,460,115 and \$1,359,327, respectively.

10. Reconciliation of Financial Statements to Form 5500

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

	2018	2017
Net assets available for benefits per the financial statements	\$ 67,253,237	\$ 72,131,128
Plus: Transfer of assets relating to January 1, 2018 plan mergers	-	4,406,740
Net assets available for benefits per Form 5500	<u>\$ 67,253,237</u>	<u>\$ 76,537,868</u>
	2018	
Transfer of assets relating to plan mergers, per the financial statements	\$ 4,406,740	
Less: Transfer of assets relating to January 1, 2018 plan mergers	<u>(4,406,740)</u>	
Transfer of assets relating to plan mergers, per Form 5500	<u>\$ -</u>	

The Form 5500 was prepared as if the merger of the Gilmour Hose Plan and the Security Systems Plan with and into the Plan occurred on December 31, 2017. See Note 1.

11. Subsequent Events

The Plan has evaluated the events and transactions that have occurred through October 15, 2019, the date the financial statements were available to be issued, and noted no events requiring adjustment to the financial statements or additional disclosure.

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
EIN: 36-2903176 PN: 010

Schedule SB, line 26—Schedule of Active Participant Data as of January 1, 2018

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39					1					
40-44					8	3				
45-49					8	9	1			
50-54			1		10	10	5	3		
55-59					8	4	3	5	2	1
60-64					7	3	2	6	6	5
65-69			1		6		1	2	1	8
70+						1				2

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Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
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Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2017), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor
1st Segment Rate	3.92%
2nd Segment Rate	5.52%
3rd Segment Rate	6.29%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2017), without regard to interest rate stabilization
1st Segment Rate	1.75%
2nd Segment Rate	3.76%
3rd Segment Rate	4.66%
Cash Balance Interest Crediting Rate (Telex)	3.02%
Cash Balance Annuity Conversion Rate (Telex)	Same as funding rates above
Cash Balance Annuity Conversion Mortality (Telex)	Current 417e table
Employee Contribution Interest Crediting Rate	
VPA Accounts	2.88%
PPA Accounts	2.62%
Retirement Age	
Active Participants	See Tables 1–3
Terminated Vested Participants	Age 63
Mortality Rates	
Healthy and Disabled	2018 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	See Tables 4–5
Disability Rates	See Table 6
Decrement Timing	Middle of year decrements (except that retirement is assumed to occur at the beginning of the year for ages where the assumed retirement rate is 100%)
Surviving Spouse Benefit	It is assumed that 80% of males and 80% of females have an eligible spouse, and that males are three years older than their spouses.

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
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Benefit Limits	Projected benefits are limited by the current IRC section 415 maximum benefit of \$220,000.
Valuation of Plan Assets	<p>Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.</p> <p>A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).</p>
Expected Return on Assets	
2016 Plan Year	5.00%
2017 Plan Year	5.00%
Trust Expenses Included in Target Normal Cost	Actual trust expenses limited to 5% of Fair Value of Assets. The prior year's actual administrative expenses, adjusted for anticipated significant changes are used as a proxy for actual current year's expenses.
Actuarial Method	Standard unit credit cost method
Valuation Date	January 1, 2018

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
EIN: 36-2903176 PN: 010

Table 1

Retirement Rates—Hagglund Grandfathered

Age	Years of Service	
	0-29	30+
60	10.00%	100.00%
61	10.00%	100.00%
62	10.00%	100.00%
63	10.00%	100.00%
64	10.00%	100.00%
65+	100.00%	100.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
EIN: 36-2903176 PN: 010

Table 2

Retirement Rates—Hagglund Non-Grandfathered

Age	Years of Service	
	0-29	30+
60	10.00%	10.00%
61	10.00%	10.00%
62	10.00%	100.00%
63	10.00%	100.00%
64	10.00%	100.00%
65+	100.00%	100.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
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Table 3

Retirement Rates—Telex	
Age	Rate
55	12.50%
56	12.50%
57	12.50%
58	12.50%
59	12.50%
60	12.50%
61	12.50%
62	12.50%
63	12.50%
64	12.50%
65	25.00%
66	25.00%
67	25.00%
68	25.00%
69	25.00%
70+	100.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
EIN: 36-2903176 PN: 010

Table 4

Withdrawal Rates—Hagglund

Age	Rate	Age	Rate
15	0.00%	35	2.42%
16	0.00%	36	2.30%
17	0.00%	37	2.20%
18	5.28%	38	2.08%
19	5.08%	39	1.98%
20	4.86%	40	1.88%
21	4.66%	41	1.80%
22	4.46%	42	1.70%
23	4.26%	43	1.62%
24	4.08%	44	1.54%
25	3.90%	45	1.46%
26	3.72%	46	1.38%
27	3.56%	47	1.32%
28	3.40%	48	1.24%
29	3.24%	49	1.18%
30	3.10%	50	1.12%
31	2.94%	51	1.06%
32	2.80%	52	1.00%
33	2.68%	53	0.94%
34	2.54%	54	0.90%
		55+	0.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
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Table 5

Withdrawal Rates—Telex

Age	Rate	Age	Rate
15	35.50%	35	13.90%
16	35.50%	36	12.80%
17	35.50%	37	12.50%
18	35.50%	38	12.50%
19	35.50%	39	12.50%
20	35.50%	40	12.50%
21	35.50%	41	12.50%
22	33.50%	42	12.50%
23	31.70%	43	12.50%
24	29.90%	44	12.50%
25	28.10%	45	12.50%
26	26.40%	46	12.50%
27	24.80%	47	12.50%
28	23.20%	48	12.50%
29	21.70%	49	12.50%
30	20.30%	50	12.50%
31	18.90%	51	12.50%
32	17.50%	52	12.50%
33	16.30%	53	12.50%
34	15.10%	54	12.50%
		55+	12.50%

Schedule SB Attachment (Form 5500)—2018 Plan Year
Pension Plan for Discontinued Operations of Robert Bosch
EIN: 36-2903176 PN: 010

Table 6

Disability Rates

Age	Male	Female	Age	Male	Female
15	0.03%	0.03%	40	0.08%	0.13%
16	0.03%	0.03%	41	0.09%	0.15%
17	0.03%	0.03%	42	0.10%	0.17%
18	0.03%	0.03%	43	0.12%	0.19%
19	0.03%	0.03%	44	0.14%	0.22%
20	0.03%	0.03%	45	0.16%	0.24%
21	0.03%	0.03%	46	0.18%	0.27%
22	0.03%	0.03%	47	0.21%	0.30%
23	0.03%	0.03%	48	0.25%	0.33%
24	0.03%	0.03%	49	0.28%	0.36%
25	0.03%	0.03%	50	0.33%	0.40%
26	0.03%	0.03%	51	0.39%	0.44%
27	0.03%	0.03%	52	0.46%	0.49%
28	0.03%	0.04%	53	0.53%	0.54%
29	0.03%	0.04%	54	0.61%	0.59%
30	0.03%	0.04%	55	0.69%	0.64%
31	0.03%	0.05%	56	0.77%	0.69%
32	0.03%	0.05%	57	0.86%	0.74%
33	0.03%	0.06%	58	0.95%	0.80%
34	0.03%	0.06%	59	1.05%	0.85%
35	0.04%	0.07%	60	1.15%	0.90%
36	0.04%	0.08%	61	1.26%	0.96%
37	0.05%	0.09%	62	1.38%	1.01%
38	0.06%	0.10%	63	1.51%	1.05%
39	0.07%	0.12%	64	1.64%	1.09%
			65+	0.00%	0.00%

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 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ **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 PENSION PLAN FOR DISCONTINUED OPERATIONS OF ROBERT BOSCH	B Three-digit plan number (PN) ▶	010
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF ROBERT BOSCH LLC	D Employer Identification Number (EIN) 36-2903176	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B		
F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500		

Part I Basic Information				
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2018</u>				
2 Assets:				
a Market value	2a	76,660,268		
b Actuarial value	2b	72,175,426		
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	1,848	47,544,807	47,544,807	
b For terminated vested participants	446	9,705,421	9,705,421	
c For active participants	133	2,949,889	2,961,235	
d Total	2,427	60,200,117	60,211,463	
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	5.56%		
6 Target normal cost	6	525,504		

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	KAREN A. HIRSCHHORN <i>KATH</i> Signature of actuary	09/09/2019 Date
KAREN A. HIRSCHHORN Type or print name of actuary		1704099 Most recent enrollment number
AON CONSULTING, INC. Firm name		847-295-5000 Telephone number (including area code)
4 OVERLOOK POINT LINCOLNSHIRE IL 60069-4302 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 ☐

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

Schedule SB (Form 5500) 2018
v. 171027

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21 Discount rate:****a Segment rates:**1st segment:
3.92%2nd segment:
5.52%3rd segment:
6.29%☐ N/A, full yield curve used**b Applicable month (enter code)****21b**

4

22 Weighted average retirement age**22**

61

23 Mortality table(s) (see instructions)

Prior regulation:

☐ Prescribed - combined☐ Prescribed - separate☐ Substitute

Current regulation:

☐ 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**

525,504

b Excess assets, if applicable, but not greater than line 31a**31b**

525,504

32 Amortization installments:

Outstanding Balance

Installment

a Net shortfall amortization installment

0

0

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**

0

Carryover balance

Prefunding balance

Total balance

35 Balances elected for use to offset funding requirement

0

0

0

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

Schedule SB Attachment (Form 5500)—2018 Plan Year
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Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	12.50%	1.0000	6.94
56.5	12.50%	0.8750	6.18
57.5	12.50%	0.7656	5.50
58.5	12.50%	0.6699	4.90
59.5	12.50%	0.5862	4.36
60.5	12.50%	0.5129	3.88
61.5	12.50%	0.4488	3.45
62.5	12.50%	0.3927	3.07
63.5	12.50%	0.3436	2.73
64.5	12.50%	0.3007	2.42
65.5	25.00%	0.2631	4.31
66.5	25.00%	0.1973	3.28
67.5	25.00%	0.1480	2.50
68.5	25.00%	0.1110	1.90
69.5	25.00%	0.0832	1.45
70	100.00%	0.0624	4.37
Weighted Average			61.24

Schedule SB Attachment (Form 5500)—2018 Plan Year
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Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2017), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor
1st Segment Rate	3.92%
2nd Segment Rate	5.52%
3rd Segment Rate	6.29%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2017), without regard to interest rate stabilization
1st Segment Rate	1.75%
2nd Segment Rate	3.76%
3rd Segment Rate	4.66%
Cash Balance Interest Crediting Rate (Telex)	3.02%
Cash Balance Annuity Conversion Rate (Telex)	Same as funding rates above
Cash Balance Annuity Conversion Mortality (Telex)	Current 417e table
Employee Contribution Interest Crediting Rate	
VPA Accounts	2.88%
PPA Accounts	2.62%
Retirement Age	
Active Participants	See Tables 1–3
Terminated Vested Participants	Age 63
Mortality Rates	
Healthy and Disabled	2018 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	See Tables 4–5
Disability Rates	See Table 6
Decrement Timing	Middle of year decrements (except that retirement is assumed to occur at the beginning of the year for ages where the assumed retirement rate is 100%)
Surviving Spouse Benefit	It is assumed that 80% of males and 80% of females have an eligible spouse, and that males are three years older than their spouses.

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Benefit Limits	Projected benefits are limited by the current IRC section 415 maximum benefit of \$220,000.
Valuation of Plan Assets	<p>Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.</p> <p>A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).</p>
Expected Return on Assets	
2016 Plan Year	5.00%
2017 Plan Year	5.00%
Trust Expenses Included in Target Normal Cost	Actual trust expenses limited to 5% of Fair Value of Assets. The prior year's actual administrative expenses, adjusted for anticipated significant changes are used as a proxy for actual current year's expenses.
Actuarial Method	Standard unit credit cost method
Valuation Date	January 1, 2018

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Table 1

Retirement Rates—Hagglund Grandfathered

Age	Years of Service	
	0-29	30+
60	10.00%	100.00%
61	10.00%	100.00%
62	10.00%	100.00%
63	10.00%	100.00%
64	10.00%	100.00%
65+	100.00%	100.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
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Table 2

Retirement Rates—Hagglund Non-Grandfathered

Age	Years of Service	
	0-29	30+
60	10.00%	10.00%
61	10.00%	10.00%
62	10.00%	100.00%
63	10.00%	100.00%
64	10.00%	100.00%
65+	100.00%	100.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
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Table 3

Retirement Rates—Telex	
Age	Rate
55	12.50%
56	12.50%
57	12.50%
58	12.50%
59	12.50%
60	12.50%
61	12.50%
62	12.50%
63	12.50%
64	12.50%
65	25.00%
66	25.00%
67	25.00%
68	25.00%
69	25.00%
70+	100.00%

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Table 4

Withdrawal Rates—Hagglund

Age	Rate	Age	Rate
15	0.00%	35	2.42%
16	0.00%	36	2.30%
17	0.00%	37	2.20%
18	5.28%	38	2.08%
19	5.08%	39	1.98%
20	4.86%	40	1.88%
21	4.66%	41	1.80%
22	4.46%	42	1.70%
23	4.26%	43	1.62%
24	4.08%	44	1.54%
25	3.90%	45	1.46%
26	3.72%	46	1.38%
27	3.56%	47	1.32%
28	3.40%	48	1.24%
29	3.24%	49	1.18%
30	3.10%	50	1.12%
31	2.94%	51	1.06%
32	2.80%	52	1.00%
33	2.68%	53	0.94%
34	2.54%	54	0.90%
		55+	0.00%

Schedule SB Attachment (Form 5500)—2018 Plan Year
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Table 5

Withdrawal Rates—Telex

Age	Rate	Age	Rate
15	35.50%	35	13.90%
16	35.50%	36	12.80%
17	35.50%	37	12.50%
18	35.50%	38	12.50%
19	35.50%	39	12.50%
20	35.50%	40	12.50%
21	35.50%	41	12.50%
22	33.50%	42	12.50%
23	31.70%	43	12.50%
24	29.90%	44	12.50%
25	28.10%	45	12.50%
26	26.40%	46	12.50%
27	24.80%	47	12.50%
28	23.20%	48	12.50%
29	21.70%	49	12.50%
30	20.30%	50	12.50%
31	18.90%	51	12.50%
32	17.50%	52	12.50%
33	16.30%	53	12.50%
34	15.10%	54	12.50%
		55+	12.50%

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Table 6

Disability Rates

Age	Male	Female	Age	Male	Female
15	0.03%	0.03%	40	0.08%	0.13%
16	0.03%	0.03%	41	0.09%	0.15%
17	0.03%	0.03%	42	0.10%	0.17%
18	0.03%	0.03%	43	0.12%	0.19%
19	0.03%	0.03%	44	0.14%	0.22%
20	0.03%	0.03%	45	0.16%	0.24%
21	0.03%	0.03%	46	0.18%	0.27%
22	0.03%	0.03%	47	0.21%	0.30%
23	0.03%	0.03%	48	0.25%	0.33%
24	0.03%	0.03%	49	0.28%	0.36%
25	0.03%	0.03%	50	0.33%	0.40%
26	0.03%	0.03%	51	0.39%	0.44%
27	0.03%	0.03%	52	0.46%	0.49%
28	0.03%	0.04%	53	0.53%	0.54%
29	0.03%	0.04%	54	0.61%	0.59%
30	0.03%	0.04%	55	0.69%	0.64%
31	0.03%	0.05%	56	0.77%	0.69%
32	0.03%	0.05%	57	0.86%	0.74%
33	0.03%	0.06%	58	0.95%	0.80%
34	0.03%	0.06%	59	1.05%	0.85%
35	0.04%	0.07%	60	1.15%	0.90%
36	0.04%	0.08%	61	1.26%	0.96%
37	0.05%	0.09%	62	1.38%	1.01%
38	0.06%	0.10%	63	1.51%	1.05%
39	0.07%	0.12%	64	1.64%	1.09%
			65+	0.00%	0.00%

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Schedule SB, Part V—Summary of Plan Provisions

Forest City

Effective Date

July 1, 1980. Amended and restated effective January 1, 1993. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Forest City as Exhibit D. Last amendment dated December 7, 2017.

Eligibility for Participation

Hourly employees of the Forest City Tool Company division excluding temporary employees and employees covered by a collective bargaining agreement. Full-time employees become participants on their date of hire. Part-time employees become participants on January 1 or July 1 following one year of eligibility service.

Normal Retirement
Eligibility

Age 65.

Benefit

A monthly amount equal to \$12.00 multiplied by years of credited service.

Early Retirement
Eligibility

Age 55 and 10 years of vesting service.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 62.

Vested Termination
Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.

Disability
Eligibility

Ten years of vesting service.

Benefit

The accrued benefit based at the date of disability. It is payable without reduction following a 26 week waiting period.

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Surviving Spouse
Eligibility

Five years of vesting service. Participant and spouse must be married for the one year period prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.

Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
10-year certain and life annuity
50% joint and survivor annuity
100% joint and survivor annuity

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

Service after July 1, 1980 based on hours. A full year of credited service is earned if the employee works 1,700 or more hours in one plan year. Fractional years are computed by taking the hours of service during the plan year divided by 1,700, rounded to the nearest one-tenth of a year.

Vesting Service

One year of vesting service is earned if the employee works 1,000 or more hours in one plan year.

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Vermont Tap and Die

Effective Date	April 15, 1963. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Vermont Tap and Die as Exhibit C. Last amendment dated December 7, 2017.
Eligibility for Participation	Hourly employees of the Vermont Tap and Die Company or Northeast Tool Division who are members of the collective bargaining unit represented by the Union. Full-time employees become participants on the first day of the month after they have worked one hour. Part-time employees become participants after completing one year of service.
Normal Retirement Eligibility	Age 65.
Benefit	A monthly amount equal to \$17.00 multiplied by years of benefit service. For those who terminated prior to April 30, 1991, a lesser multiplier amount applies.
Early Retirement Eligibility	Age 60 and 10 years of vesting service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 65.
Vested Termination Eligibility	Five years of vesting service.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.
Disability Eligibility	Ten years of vesting service.
Benefit	The accrued benefit based at the date of disability. It is payable without reduction following a 26 week waiting period.

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Surviving Spouse
Eligibility

Five years of vesting service. Participant and spouse must be married for the one year period prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
50% joint and survivor annuity
75% joint and survivor annuity

Joint and survivor options may be payable to non-spouses.

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Benefit Service

Service after April 15, 1963 based on hours. A full year of credited service is earned if the employee works 1,000 or more hours in one plan year. Fractional years are credited in the year of termination, rounded to the nearest one-twelfth of a year.

Vesting Service

One year of vesting service is earned if the employee works 1,000 or more hours in one plan year.

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Greenville

Effective Date	July 1, 1969. Amended and restated effective March 1, 1994. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Greenville as Exhibit F. Last amendment dated December 7, 2017.
Eligibility for Participation	Hourly employees of the Greenville division. Full-time employees become participants on their date of hire. Part-time employees become participants on January 1 or July 1 following one year of eligibility service.
Normal Retirement Eligibility	Age 65.
Benefit	<p>A monthly amount equal to the sum of (1), (2) and (3):</p> <p>(1) Credited service prior to March 1, 1989 multiplied by \$5.00;</p> <p>(2) Credited service from March 1, 1989 to February 28, 1993 multiplied by \$8.50;</p> <p>(3) Credited service after March 1, 1993 multiplied by \$10.00.</p>
Early Retirement Eligibility	Age 55 and 10 years of vesting service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 65.
Vested Termination Eligibility	Five years of vesting service. A partial plan termination resulted due to the plant closing announcement on May 1, 2007. Participants who terminated after the plan closing announcement with less than five years of vesting service were 100% vested in their accrued benefit.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit at early retirement shall be the actuarial equivalent of the normal retirement benefit.

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Disability Eligibility	Age 50 and 15 years of vesting service.
Benefit	110% of the accrued benefit as determined under the early retirement provision.
Surviving Spouse Eligibility	Five years of vesting service. Participant and spouse must be married for the one year period prior to death.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.
Normal Form of Annuity Without Spouse	Five year certain and life annuity.
With Spouse	100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse. Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.
Optional Forms of Annuity	5-year certain and life annuity 50% joint and survivor annuity 66-2/3% joint and survivor 100% joint and survivor annuity Joint and survivor options may be payable to non-spouses.
Actuarial Equivalence	Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

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Definitions

Credited Service

A full year of credited service is earned if the employee works 1,000 or more hours in one plan year. Fractional years are credited in the year of hire and termination, rounded to the nearest one-twelfth of a year. A participant shall receive no more than five-sixth of a year of credited service for the short plan year beginning March 1, 1994 and ending December 31, 1994. No service is accrued after March 1, 2008 as a result of the plant closure.

Vesting Service

One year of vesting service is earned if the employee works 1,000 or more hours in one plan year.

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UO Hendersonville

Effective Date

January 1, 1995. Amended and restated effective January 1, 2007. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with UO Hendersonville as Exhibit E. Last amendment dated December 7, 2017.

Eligibility for Participation

Any eligible employee who elects to participate must make contributions of 3% of compensation in excess of \$25,000. Participation date is January 1 following the date of hire provided employee contributions are made.

Normal Retirement
Eligibility

Age 65.

Benefit

A monthly amount equal to the greater of (1) or (2):

- (1) 1.45% of compensation up to the plan covered compensation plus 1.90% of compensation in excess of the plan covered compensation. If a participant has more than 34 years of service, they will receive 1.45% of that year's compensation. Accruals ended on March 23, 2001 due to the plant closure;
- (2) A minimum amount that is based on the participant's average annual compensation.

The personal pension account (PPA) and voluntary pension account (VPA) is credited monthly with interest. The participant can take this account as a refund or convert it to an annuity.

Early Retirement
Eligibility

Age 60.

Benefit

A monthly benefit equal to the normal retirement benefit.

Employees with at least five years of pension qualification service shall receive a supplement of \$12.00 per month for each year of pension benefit service, payable until age 62.

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Vested Termination

Eligibility

Five years of pension qualification service.

Benefit

The accrued benefit at the date of termination. Payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.

Disability

Eligibility

Fifteen years of pension qualification service.

Benefit

88% of the normal retirement benefit plus certain supplements.

Surviving Spouse

Eligibility

Five years of pension qualification service. Participant and spouse must be married for the one year period prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity

Without Spouse

Five year certain and life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Optional Forms of Annuity

5-year certain and life annuity
50% joint and survivor annuity
75% joint and survivor annuity

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Average Annual Compensation

Average of annual compensation for the highest three consecutive years out of the last 10 years.

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Pension Benefit Service	Service after January 1, 1995. A full year of pension benefit service is earned if the employee works at least the regular number of hours scheduled for him during the year. Fractional years may be credited if the regularly scheduled hours are not met. No service is accrued after March 23, 2001 as a result of the plant closure.
Pension Qualification Service	One year of pension qualification service is earned if the employee works 1,000 or more hours in one plan year.
Required Contributions	An eligible employee must make contributions of 3% of compensations that is in excess of \$25,000 in order to participate in the plan.
Voluntary Contributions	An eligible employee may contribute 3% of compensation up to \$25,000.

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Racine

Effective Date May 1, 1988. Amended and restated effective January 1, 2007. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Racine as Exhibit A. Last amendment dated December 7, 2017.

Eligibility for Participation Must be employed on an hourly rate basis and a member of Lodge No. 437, International Association of Machinists and Aerospace Workers, A.F.L.-C.I.O.

Normal Retirement
Eligibility

Age 65 and five years of vesting service.

Benefit

A monthly amount equal to (1) but no greater than (2):

(1) Years of credited service up to a maximum of 30 years multiplied by:

Service Period	Amount
Service before August 1, 1994	\$19.75
Service after July 31, 1994	\$28.00

(2) 1/30 of an amount equal to 85% of current monthly compensation minus 100% of the primary Social Security benefit. No monthly retirement benefit shall exceed the current monthly compensation minus the primary Social Security benefit.

Early Retirement
Eligibility

Age 60 and 10 years of vesting service.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 62. The benefit is unreduced if the participant has attained age 60 and has 30 years of vesting service.

Vested Termination
Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The benefit is reduced by 0.6% for each month the early retirement precedes age 65.

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Disability	
Eligibility	Ten years of vesting service.
Benefit	<p>The accrued benefit based at the date of disability. The benefit is payable when the short or long-term disability benefits cease.</p> <p>For those who commenced their benefit prior to age 60, the benefit converts to a normal retirement benefit at age 65. For those who commenced after age 60, it converts to a normal retirement benefit at the earlier of age 70 or after five years of payments.</p>
Surviving Spouse	
Eligibility	Five years of vesting service. Participant and spouse must be married for the one year period prior to death.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.
Minimum Benefit	<p>For participants who have attained age 55 and 10 years of vesting service or age 65 with five years of vesting service or disabled and death occurred after age 55 and 10 years of vesting service or completion of 15 years of vesting service, a minimum preretirement benefit is payable as follows:</p> <p>The benefit shall be the greater of (1), (2) or (3):</p> <ul style="list-style-type: none">(1) The surviving spouse benefit described above;(2) \$65.00;(3) 40% of the benefit based on credited service and monthly compensation at death, unreduced for early commencement. The benefit is reduced if the spouse is more than five years younger than the participant.
Postretirement Death Benefit	
Eligibility	Age 60 and 10 years of vesting service.
Benefit	A single sum amount of \$4,000 payable to the participant's beneficiary.

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Normal Form of Annuity

Without Spouse

Single life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
10-year certain and life annuity
75% joint and survivor annuity
100% joint and survivor annuity.

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

Service after May 1, 1988. It shall include the time period (computed on the basis of full and fractional years) of the participant's employment.

Vesting Service

The time period (computed on the basis of full and fractional years) of active employment commencing from date of hire.

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DCUS Mobile Hourly

Effective Date January 1, 1965. Amended and restated effective January 24, 2004. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with DCUS Mobile Hourly as Exhibit B. Last amendment dated December 7, 2017.

Eligibility for Participation An employee is eligible to participate once they have completed 1,000 hours in any calendar year.

Normal Retirement Eligibility Age 65 and five years of credited service.

Benefit A monthly amount equal to credited service multiplied by the following flat dollar amount:

Retirement Date	Amount
02/01/2001 or later	\$26.50
02/01/2000–01/31/2001	\$25.50
12/01/1998–01/31/2000	\$24.50
02/01/1998–11/30/1998	\$23.50
02/01/1997–01/31/1998	\$22.50
10/01/1995–01/31/1997	\$21.50
02/01/1995–09/30/1995	\$20.50
02/01/1994–01/31/1995	\$19.50
02/01/1993–01/31/1994	\$19.00
02/01/1986–01/31/1993	\$18.50
02/01/1985–01/31/1986	\$17.50
02/01/1984–01/31/1985	\$16.50
02/01/1983–01/31/1984	\$16.00
02/01/1982–01/31/1983	\$15.00
02/01/1981–01/31/1982	\$14.00
02/01/1980–01/31/1981	\$13.00
02/01/1979–01/31/1980	\$12.50
02/01/1978–01/31/1979	\$12.00
02/01/1977–01/31/1978	\$9.50
02/01/1976–01/31/1977	\$8.75
02/01/1975–01/31/1976	\$8.00
02/01/1974–01/31/1975	\$7.50
02/01/1973–01/31/1974	\$7.00
07/01/1972–01/31/1973	\$6.50
12/01/1970–06/30/1972	\$5.75
12/01/1968–11/30/1970	\$5.25
Prior to 12/01/1968	\$4.25

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Early Retirement
Eligibility

Age 60 and 10 years of credited service or age 55 and age plus credited service is greater than 85 (Rule of 85).

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 5/9 of 1% for each month the early retirement precedes age 62. The benefit is unreduced if the Rule of 85 is satisfied. In addition, Rule of 85 retirees receive a monthly supplement of \$10 multiplied by years of credited service, payable until age 65.

Vested Termination
Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.

Disability
Eligibility

Ten years of credited service.

Benefit

The unreduced accrued benefit based on service to the date of disability.

In addition, a temporary benefit equal to \$9.50 multiplied by years of credited service (maximum of 25 years). The benefit is payable until age 65 or the month the participant becomes eligible for a primary or disability benefit under the Federal Social Security Act, if earlier.

Surviving Spouse
Eligibility

Five years of vesting service.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 60% of the amount payable if the participant had retired early with a 60% joint and survivor benefit.

Medicare Supplement
Eligibility

Age 65.

Benefit

A monthly benefit equal to the Medicare Part B premium, which continues to the beneficiary if over 65 or under 65 and enrolled in Medicare Part B. The amount for 2014 is \$104.90.

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Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

Effective January 1, 2008, 60% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 60% of reduced benefit continues to surviving spouse. The reduction cannot be greater than the reduction prior to January 1, 2008 which was 5%.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
75% joint and survivor annuity
100% joint and survivor annuity

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

The number of completed years and months from the date of hire to January 1, 1965 plus for each calendar year starting January 1, 1965, one year of credited service is earned when 1,700 hours are worked. Partial years are credited when less than 1,700 hours are worked. Accruals stopped on February 28, 2007 due to the plant closure.

Vesting Service

The number of completed years and months from date of hire to January 1, 1976 plus for each calendar year starting January 1, 1976, one year of vesting service is earned when 1,000 hours are worked.

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Gilmour Manufacturing

Effective Date

September 1, 1978. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Gilmour Manufacturing as Exhibit G. Last amendment dated December 7, 2017.

Eligibility for Participation

Hourly employees of Gilmour Manufacturing Company, excluding both employees covered by a collective bargaining agreement and salaried employees. Full-time employees who work at least 30 hours per week become participants at date of hire. Part-time employees become participants on January 1 or July 1 following one year of service.

Normal Retirement

Eligibility

Age 65.

Benefit

A monthly amount equal to (1) plus (2):

(1) Years of credited service multiplied by:

Service Period	Amount
Service after 12/31/1996	\$13.25
01/01/1995–12/31/1996	\$12.00
09/01/1994–12/31/1994 (250 hours required)	\$3.33
09/01/1992–08/31/1994	\$10.00
09/01/1978–08/31/1992	\$8.00

(2) \$8.00 multiplied by pre September 1, 1978 service multiplied by the years of service to date divided by the years of service at normal retirement date.

Early Retirement

Eligibility

Age 62 and 10 years of vesting service.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 0.6% for each month the early retirement precedes age 65.

Vested Termination

Eligibility

Five years of vesting service. A partial plan termination resulted due to the plant closing announcement on March 4, 2009. Participants who terminated after the plant closing announcement with less than five years of vesting service were 100% vested in their accrued benefit.

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Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.
Disability Eligibility	Ten years of vesting service.
Benefit	The accrued benefit based on service to the date of disability, commencing immediately.
Surviving Spouse Eligibility	Five years of vesting service.
Benefit	A monthly benefit payable to the surviving spouse beginning no earlier than the date the participant would have attained age 55 equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.
Normal Form of Annuity Without Spouse	Single life annuity.
With Spouse	100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.
	Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.
Optional Forms of Annuity	Single life annuity 5-year certain and life annuity 10-year certain and life annuity 50% joint and survivor annuity 75% joint and survivor annuity 100% joint and survivor annuity
Actuarial Equivalence	Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

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Definitions

Credited Service

The number of whole years worked as an hourly employee. Accruals stopped on December 31, 2009 due to the plant closure.

Vesting Service

The number of years an employee works 1,000 hours or more, excluding years prior to September 1, 1978.

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Hagglunds Drive

Effective Date

January 1, 2000. Amended and restated effective January 1, 2002. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Hagglunds Drive as Exhibit H. Last amendment dated December 7, 2017.

Eligibility for Participation

An employee that was a participant on December 31, 1999 of the MacGregor (USA), Inc. Salaried Pension Plan became a participant on January 1, 2000. No new participants can enter the plan after December 31, 1999.

Normal Retirement
Eligibility

Age 65.

Benefit

A monthly amount equal to (1) plus (2) but not less than (3) or (4):

- (1) 1.05% of average annual compensation up to covered compensation multiplied by years of credited service limited to 30 years.
- (2) 1.50% of average annual compensation in excess of covered compensation multiplied by years of credited service limited to 30 years.
- (3) The accrued benefit under the prior plan in effect December 31, 1989.
- (4) The accrued benefit under the prior plan in effect December 31, 1995.

No credited service is earned after December 31, 1999.

Early Retirement
Eligibility

Age 55 and 10 years of continuous service. Certain grandfathered participants are eligible to retire when their age plus service is greater than or equal to 75.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 1/3 of 1% for each month the early retirement precedes age 65.

For participants with more than 30 years of service, the benefit is reduced 1/3 of 1% for each month the early retirement precedes age 62.

Certain grandfathered participants have the reduction calculated from age 60.

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Vested Termination

Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.

Surviving Spouse

Eligibility

Five years of vesting service.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.

Normal Form of Annuity

Without Spouse

Single life annuity.

With Spouse

100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
50% joint and survivor annuity
100% joint and survivor annuity
Lump sum payment if less than \$5,000

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

Each participant shall be credited with the years of credited service with which he was credited under the prior plan as of December 31, 1999. No additional credited service will be granted for periods after December 31, 1999.

Vesting Service

The period from date of hire to date of termination. Partial years of service are credited on the basis of completed days.

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Telex

Effective Date

June 1, 1989. Amended and restated effective July 1, 1999. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Telex as Exhibit I. Last amendment dated December 7, 2017.

Eligibility for Participation

An employee is eligible to participate in the plan upon completion of one year of service in which 1,000 or more hours were worked. Participation date is the first of the month following completion of the eligibility requirements. No new participants can enter the plan after June 30, 2003.

Normal Retirement
Eligibility

Age 65.

Benefit

An account balance that consists of (1) plus (2) plus (3):

- (1) Initial account balance which shall equal the sum of the actuarial present value of the accrued benefit under the plan in effect on June 30, 1999 plus the accumulated employee contributions as of January 1, 1982 increased with interest at 8% per year through June 30, 1999;
- (2) Pay credits which shall be credited to the account balance as of December 31 of the current year. As of June 30, 2003, pay credits are no longer granted;
- (3) Investment credit which is an amount equal to the account balance as of the first day of the current year multiplied by the investment credit rate in effect for the current year.

The account balance can be paid as a lump sum or an actuarially equivalent monthly annuity. Prior to distribution the account balance shall never be less than the actuarial present value of the accrued benefit under the plan at June 30, 1999.

Vested Termination
Eligibility

Three years of vesting service.

Benefit

The accrued benefit at the date of termination. Prior to commencement the accrued benefit at termination will be credited with interest annually.

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Surviving Spouse
Eligibility

Three years of vesting service.

Benefit

The account balance paid as a lump sum or an actuarially equivalent life annuity.

Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
5-year certain and life annuity
10-year certain and life annuity
50% joint and survivor annuity
100% joint and survivor annuity
Lump sum payment.

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions
Vesting Service

A year of vesting service is earned for each calendar year that 1,000 or more hours of service are worked.

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Security Systems

Effective Date	October 28, 2002. Amended and restated effective January 1, 2016. The Pension Plan for Discontinued Operations of Robert Bosch was amended on December 7, 2017 with Security Systems added to the plan document as Exhibit K.						
Eligibility for Participation	<p>Immediate for any hourly-paid U.S. employee of Bosch Security Systems Inc. who is represented by the International Brotherhood of Electrical Workers (IBEW) Local 1666 Union.</p> <p>Participation and benefit accruals frozen as of December 31, 2012.</p>						
Normal Retirement Eligibility	Age 62.						
Benefit	<p>A monthly amount equal to the multiplier effective on the date of termination for each year of benefit service.</p> <table><tr><th>Multiplier</th><th>Effective Date</th></tr><tr><td>\$25.00</td><td>9/1/2004</td></tr><tr><td>\$26.00</td><td>1/1/2007</td></tr></table>	Multiplier	Effective Date	\$25.00	9/1/2004	\$26.00	1/1/2007
Multiplier	Effective Date						
\$25.00	9/1/2004						
\$26.00	1/1/2007						
Early Retirement Eligibility	Age 55 and five years of eligibility service or 30 years of eligibility service regardless of age.						
Benefit	<p>A monthly benefit equal to the normal retirement benefit reduced by 7/12 of 1% for each month the early retirement precedes the normal retirement.</p> <p>There is no reduction if the participant has 30 years of eligibility service.</p>						
Vested Termination Eligibility	Five years of eligibility service.						
Benefit	The accrued benefit based on benefit service and multiplier level at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.						

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Disability	
Eligibility	Five years of eligibility service.
Benefit	The accrued benefit based on benefit service and multiplier level at the date of disability.
Surviving Spouse	
Eligibility	Five years of eligibility service.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to the amount payable if the participant had retired early with a 100% joint and survivor benefit.
Normal Form of Annuity	
Without Spouse	Five year certain and life annuity.
With Spouse	100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime with five years certain. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse. If, while receiving a joint and survivor annuity, the spouse pre-deceases the participant, the retired participant can elect a single life annuity (but not five year certain and life annuity).
Optional Forms of Annuity	Five year certain and life annuity, 50% joint and survivor annuity, 100% joint and survivor annuity and a lump sum.
Actuarial Equivalence	Applicable mortality table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.
Definitions	
Benefit Service	Benefit service is computed under the elapsed time method, to the nearest one-twelfth of a year. Partial months containing at least 15 days of service are considered complete months. There is no benefit service prior to November 1, 2002.
Vesting Service	Vesting service is computed under the elapsed time method. It includes the period of employment with Bosch Security Systems Inc. plus any service from the Philips predecessor plan.

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Gilmour Hose

Effective Date January 1, 1988. Amended and restated effective January 1, 2016. Last amendment dated October 1, 2016. The Pension Plan for Discontinued Operations of Robert Bosch was amended on December 7, 2017 with Security Systems added to the plan document as Exhibit J.

Eligibility for Participation All union employees (AFL-CIO Local No. 964) of Gilmour Hose Division are eligible to participate. All full-time hourly employees (employees who work at least 30 hours per week) shall become participants in this plan on their hire date. Part-time employees shall become participants in this plan on the January 1 or July 1 coincident with or next following the date on which 1,000 hours of service is completed in a year.

Union employees who were participants in the prior Gates Retirement Plan on December 22, 1987 became participants in this plan on January 1, 1988.

Certain employees associated with the sale to Fiskars Brands, Inc. who have not reached age 65 shall be treated as if they were one year older than their actual age (but not older than 65). In addition, these employees shall be credited with an additional year of credited service.

Normal Retirement Eligibility

Age 65.

Benefit

A monthly amount equal to the sum of (1) plus (2):

- (1) For each year of benefit service earned since January 1, 1988, the annual benefit accruals are as follows:

Benefit Service Earned in Year	Amount
1988	\$10.50
1989	\$10.75
1990–1991	\$11.00
1992–1994	\$11.50
1995–1996	\$12.00
1997–2003	\$12.50
2004–2006	\$13.50
2007	\$14.50
2008	\$15.50
2009–2011	\$16.50
2012–2013	\$17.50
2014 and after	\$18.00

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(2) For prior Gates Retirement Plan participants, years of benefit service as of December 22, 1987 multiplied by \$0.30.

Early Retirement
Eligibility

(a) Age 62 and 10 years of credited service; or

(b) Age 55 and 37 years of credited service; or

(c) Age 55 and 10 years of credited service.

Benefit

Unreduced normal retirement benefit for (a) or (b) above. For (c) above, a monthly benefit equal to the normal retirement benefit reduced by 4/10 of 1% for each month the early retirement precedes age 62.

Vested Termination
Eligibility

Five years of credited service.

A partial plan termination resulted due to the sale of the company to Fiskars Brands, Inc. on December 19, 2014. Participants who were terminated due to the sale with less than five years of vesting service were 100% vested in their accrued benefit.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after age 55. Reduction is 4/10 of 1% for each month the commencement precedes age 65.

Disability
Eligibility

Ten years of credited service.

Benefit

The accrued benefit based on benefit service and multiplier level at the date of disability, paid immediately. In addition, the participant also receives a supplemental disability benefit that equals the accrued benefit, payable until age 65.

Surviving Spouse
Eligibility

Five years of credited service. Participant and spouse must be married at least one year prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

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Normal Form of Annuity
Without Spouse

Five-year certain and life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime with five-year guarantee. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Five year certain and life annuity, 50% joint and survivor annuity and 75% joint and survivor annuity.

Actuarial Equivalence

Applicable mortality table per section 417(e)(3) of Internal Revenue Code and 6% interest rate.

Definitions

Plan Year

January 1 to December 31.

Benefit Service

One year of benefit service is earned if the participant works 1,000 or more hours in one plan year starting January 1, 1988.

Credited Service

One year of credited service is earned if the participant works 1,000 or more hours in one plan year.

Plan Changes Since the Prior Year

The January 1, 2018 funding valuations reflect the following plan change:

- Effective January 1, 2018, the Bosch Security Systems Inc. Pension Plan for Hourly Employees and the Gilmour Hose Company Hourly Employees Pension Plan were merged into this plan.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption changes:

- A change in the cash balance interest crediting rate from 2.38% to 3.02%.
- A change in the retirement rates (Telex participants only) to better reflect plan experience.
- A change in the termination rates (Telex participants only) to better reflect plan experience.
- A change in the TV retirement age from 62 to 63.
- A change in the percent married assumption to be 80% for all locations.
- The crediting rate on the VPA account was updated from 3.02% to 2.88% (greater of the January 30 year treasury rate or 120% of the Federal Midterm rate). The crediting rate on the PPA account was updated from 2.36% to 2.62% (120% of the Federal Midterm Rate).

These changes were made to better reflect the anticipated plan experience. None of these assumption changes reduced the funding shortfall; as such, approval of the Commissioner is not required.

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Schedule SB, line 26—Schedule of Active Participant Data as of January 1, 2018

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39					1					
40-44					8	3				
45-49					8	9	1			
50-54			1		10	10	5	3		
55-59					8	4	3	5	2	1
60-64					7	3	2	6	6	5
65-69			1		6		1	2	1	8
70+						1				2

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Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	12.50%	1.0000	6.94
56.5	12.50%	0.8750	6.18
57.5	12.50%	0.7656	5.50
58.5	12.50%	0.6699	4.90
59.5	12.50%	0.5862	4.36
60.5	12.50%	0.5129	3.88
61.5	12.50%	0.4488	3.45
62.5	12.50%	0.3927	3.07
63.5	12.50%	0.3436	2.73
64.5	12.50%	0.3007	2.42
65.5	25.00%	0.2631	4.31
66.5	25.00%	0.1973	3.28
67.5	25.00%	0.1480	2.50
68.5	25.00%	0.1110	1.90
69.5	25.00%	0.0832	1.45
70	100.00%	0.0624	4.37
Weighted Average			61.24

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Schedule SB, Part V—Summary of Plan Provisions

Forest City

Effective Date

July 1, 1980. Amended and restated effective January 1, 1993. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Forest City as Exhibit D. Last amendment dated December 7, 2017.

Eligibility for Participation

Hourly employees of the Forest City Tool Company division excluding temporary employees and employees covered by a collective bargaining agreement. Full-time employees become participants on their date of hire. Part-time employees become participants on January 1 or July 1 following one year of eligibility service.

Normal Retirement
Eligibility

Age 65.

Benefit

A monthly amount equal to \$12.00 multiplied by years of credited service.

Early Retirement
Eligibility

Age 55 and 10 years of vesting service.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 62.

Vested Termination
Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.

Disability
Eligibility

Ten years of vesting service.

Benefit

The accrued benefit based at the date of disability. It is payable without reduction following a 26 week waiting period.

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Surviving Spouse
Eligibility

Five years of vesting service. Participant and spouse must be married for the one year period prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.

Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
10-year certain and life annuity
50% joint and survivor annuity
100% joint and survivor annuity

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

Service after July 1, 1980 based on hours. A full year of credited service is earned if the employee works 1,700 or more hours in one plan year. Fractional years are computed by taking the hours of service during the plan year divided by 1,700, rounded to the nearest one-tenth of a year.

Vesting Service

One year of vesting service is earned if the employee works 1,000 or more hours in one plan year.

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Vermont Tap and Die

Effective Date	April 15, 1963. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Vermont Tap and Die as Exhibit C. Last amendment dated December 7, 2017.
Eligibility for Participation	Hourly employees of the Vermont Tap and Die Company or Northeast Tool Division who are members of the collective bargaining unit represented by the Union. Full-time employees become participants on the first day of the month after they have worked one hour. Part-time employees become participants after completing one year of service.
Normal Retirement Eligibility	Age 65.
Benefit	A monthly amount equal to \$17.00 multiplied by years of benefit service. For those who terminated prior to April 30, 1991, a lesser multiplier amount applies.
Early Retirement Eligibility	Age 60 and 10 years of vesting service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 65.
Vested Termination Eligibility	Five years of vesting service.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.
Disability Eligibility	Ten years of vesting service.
Benefit	The accrued benefit based at the date of disability. It is payable without reduction following a 26 week waiting period.

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Surviving Spouse
Eligibility

Five years of vesting service. Participant and spouse must be married for the one year period prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
50% joint and survivor annuity
75% joint and survivor annuity

Joint and survivor options may be payable to non-spouses.

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Benefit Service

Service after April 15, 1963 based on hours. A full year of credited service is earned if the employee works 1,000 or more hours in one plan year. Fractional years are credited in the year of termination, rounded to the nearest one-twelfth of a year.

Vesting Service

One year of vesting service is earned if the employee works 1,000 or more hours in one plan year.

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Greenville

Effective Date	July 1, 1969. Amended and restated effective March 1, 1994. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Greenville as Exhibit F. Last amendment dated December 7, 2017.
Eligibility for Participation	Hourly employees of the Greenville division. Full-time employees become participants on their date of hire. Part-time employees become participants on January 1 or July 1 following one year of eligibility service.
Normal Retirement Eligibility	Age 65.
Benefit	<p>A monthly amount equal to the sum of (1), (2) and (3):</p> <p>(1) Credited service prior to March 1, 1989 multiplied by \$5.00;</p> <p>(2) Credited service from March 1, 1989 to February 28, 1993 multiplied by \$8.50;</p> <p>(3) Credited service after March 1, 1993 multiplied by \$10.00.</p>
Early Retirement Eligibility	Age 55 and 10 years of vesting service.
Benefit	A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 65.
Vested Termination Eligibility	Five years of vesting service. A partial plan termination resulted due to the plant closing announcement on May 1, 2007. Participants who terminated after the plan closing announcement with less than five years of vesting service were 100% vested in their accrued benefit.
Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit at early retirement shall be the actuarial equivalent of the normal retirement benefit.

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Disability Eligibility	Age 50 and 15 years of vesting service.
Benefit	110% of the accrued benefit as determined under the early retirement provision.
Surviving Spouse Eligibility	Five years of vesting service. Participant and spouse must be married for the one year period prior to death.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.
Normal Form of Annuity Without Spouse	Five year certain and life annuity.
With Spouse	100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse. Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.
Optional Forms of Annuity	5-year certain and life annuity 50% joint and survivor annuity 66-2/3% joint and survivor 100% joint and survivor annuity Joint and survivor options may be payable to non-spouses.
Actuarial Equivalence	Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

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Definitions

Credited Service

A full year of credited service is earned if the employee works 1,000 or more hours in one plan year. Fractional years are credited in the year of hire and termination, rounded to the nearest one-twelfth of a year. A participant shall receive no more than five-sixth of a year of credited service for the short plan year beginning March 1, 1994 and ending December 31, 1994. No service is accrued after March 1, 2008 as a result of the plant closure.

Vesting Service

One year of vesting service is earned if the employee works 1,000 or more hours in one plan year.

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UO Hendersonville

Effective Date	January 1, 1995. Amended and restated effective January 1, 2007. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with UO Hendersonville as Exhibit E. Last amendment dated December 7, 2017.
Eligibility for Participation	Any eligible employee who elects to participate must make contributions of 3% of compensation in excess of \$25,000. Participation date is January 1 following the date of hire provided employee contributions are made.
Normal Retirement Eligibility	Age 65.
Benefit	<p>A monthly amount equal to the greater of (1) or (2):</p> <p>(1) 1.45% of compensation up to the plan covered compensation plus 1.90% of compensation in excess of the plan covered compensation. If a participant has more than 34 years of service, they will receive 1.45% of that year's compensation. Accruals ended on March 23, 2001 due to the plant closure;</p> <p>(2) A minimum amount that is based on the participant's average annual compensation.</p> <p>The personal pension account (PPA) and voluntary pension account (VPA) is credited monthly with interest. The participant can take this account as a refund or convert it to an annuity.</p>
Early Retirement Eligibility	Age 60.
Benefit	<p>A monthly benefit equal to the normal retirement benefit.</p> <p>Employees with at least five years of pension qualification service shall receive a supplement of \$12.00 per month for each year of pension benefit service, payable until age 62.</p>

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Vested Termination

Eligibility

Five years of pension qualification service.

Benefit

The accrued benefit at the date of termination. Payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.

Disability

Eligibility

Fifteen years of pension qualification service.

Benefit

88% of the normal retirement benefit plus certain supplements.

Surviving Spouse

Eligibility

Five years of pension qualification service. Participant and spouse must be married for the one year period prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

Normal Form of Annuity

Without Spouse

Five year certain and life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Optional Forms of Annuity

5-year certain and life annuity
50% joint and survivor annuity
75% joint and survivor annuity

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Average Annual Compensation

Average of annual compensation for the highest three consecutive years out of the last 10 years.

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Pension Benefit Service	Service after January 1, 1995. A full year of pension benefit service is earned if the employee works at least the regular number of hours scheduled for him during the year. Fractional years may be credited if the regularly scheduled hours are not met. No service is accrued after March 23, 2001 as a result of the plant closure.
Pension Qualification Service	One year of pension qualification service is earned if the employee works 1,000 or more hours in one plan year.
Required Contributions	An eligible employee must make contributions of 3% of compensations that is in excess of \$25,000 in order to participate in the plan.
Voluntary Contributions	An eligible employee may contribute 3% of compensation up to \$25,000.

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Racine

Effective Date May 1, 1988. Amended and restated effective January 1, 2007. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Racine as Exhibit A. Last amendment dated December 7, 2017.

Eligibility for Participation Must be employed on an hourly rate basis and a member of Lodge No. 437, International Association of Machinists and Aerospace Workers, A.F.L.-C.I.O.

Normal Retirement
Eligibility

Age 65 and five years of vesting service.

Benefit

A monthly amount equal to (1) but no greater than (2):

(1) Years of credited service up to a maximum of 30 years multiplied by:

Service Period	Amount
Service before August 1, 1994	\$19.75
Service after July 31, 1994	\$28.00

(2) 1/30 of an amount equal to 85% of current monthly compensation minus 100% of the primary Social Security benefit. No monthly retirement benefit shall exceed the current monthly compensation minus the primary Social Security benefit.

Early Retirement
Eligibility

Age 60 and 10 years of vesting service.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 0.5% for each month the early retirement precedes age 62. The benefit is unreduced if the participant has attained age 60 and has 30 years of vesting service.

Vested Termination
Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The benefit is reduced by 0.6% for each month the early retirement precedes age 65.

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Disability	
Eligibility	Ten years of vesting service.
Benefit	<p>The accrued benefit based at the date of disability. The benefit is payable when the short or long-term disability benefits cease.</p> <p>For those who commenced their benefit prior to age 60, the benefit converts to a normal retirement benefit at age 65. For those who commenced after age 60, it converts to a normal retirement benefit at the earlier of age 70 or after five years of payments.</p>
Surviving Spouse	
Eligibility	Five years of vesting service. Participant and spouse must be married for the one year period prior to death.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.
Minimum Benefit	<p>For participants who have attained age 55 and 10 years of vesting service or age 65 with five years of vesting service or disabled and death occurred after age 55 and 10 years of vesting service or completion of 15 years of vesting service, a minimum preretirement benefit is payable as follows:</p> <p>The benefit shall be the greater of (1), (2) or (3):</p> <ol style="list-style-type: none">(1) The surviving spouse benefit described above;(2) \$65.00;(3) 40% of the benefit based on credited service and monthly compensation at death, unreduced for early commencement. The benefit is reduced if the spouse is more than five years younger than the participant.
Postretirement Death Benefit	
Eligibility	Age 60 and 10 years of vesting service.
Benefit	A single sum amount of \$4,000 payable to the participant's beneficiary.

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Normal Form of Annuity

Without Spouse

Single life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
10-year certain and life annuity
75% joint and survivor annuity
100% joint and survivor annuity.

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

Service after May 1, 1988. It shall include the time period (computed on the basis of full and fractional years) of the participant's employment.

Vesting Service

The time period (computed on the basis of full and fractional years) of active employment commencing from date of hire.

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DCUS Mobile Hourly

Effective Date January 1, 1965. Amended and restated effective January 24, 2004. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with DCUS Mobile Hourly as Exhibit B. Last amendment dated December 7, 2017.

Eligibility for Participation An employee is eligible to participate once they have completed 1,000 hours in any calendar year.

Normal Retirement Eligibility Age 65 and five years of credited service.

Benefit A monthly amount equal to credited service multiplied by the following flat dollar amount:

Retirement Date	Amount
02/01/2001 or later	\$26.50
02/01/2000–01/31/2001	\$25.50
12/01/1998–01/31/2000	\$24.50
02/01/1998–11/30/1998	\$23.50
02/01/1997–01/31/1998	\$22.50
10/01/1995–01/31/1997	\$21.50
02/01/1995–09/30/1995	\$20.50
02/01/1994–01/31/1995	\$19.50
02/01/1993–01/31/1994	\$19.00
02/01/1986–01/31/1993	\$18.50
02/01/1985–01/31/1986	\$17.50
02/01/1984–01/31/1985	\$16.50
02/01/1983–01/31/1984	\$16.00
02/01/1982–01/31/1983	\$15.00
02/01/1981–01/31/1982	\$14.00
02/01/1980–01/31/1981	\$13.00
02/01/1979–01/31/1980	\$12.50
02/01/1978–01/31/1979	\$12.00
02/01/1977–01/31/1978	\$9.50
02/01/1976–01/31/1977	\$8.75
02/01/1975–01/31/1976	\$8.00
02/01/1974–01/31/1975	\$7.50
02/01/1973–01/31/1974	\$7.00
07/01/1972–01/31/1973	\$6.50
12/01/1970–06/30/1972	\$5.75
12/01/1968–11/30/1970	\$5.25
Prior to 12/01/1968	\$4.25

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Early Retirement
Eligibility

Age 60 and 10 years of credited service or age 55 and age plus credited service is greater than 85 (Rule of 85).

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 5/9 of 1% for each month the early retirement precedes age 62. The benefit is unreduced if the Rule of 85 is satisfied. In addition, Rule of 85 retirees receive a monthly supplement of \$10 multiplied by years of credited service, payable until age 65.

Vested Termination
Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.

Disability
Eligibility

Ten years of credited service.

Benefit

The unreduced accrued benefit based on service to the date of disability.

In addition, a temporary benefit equal to \$9.50 multiplied by years of credited service (maximum of 25 years). The benefit is payable until age 65 or the month the participant becomes eligible for a primary or disability benefit under the Federal Social Security Act, if earlier.

Surviving Spouse
Eligibility

Five years of vesting service.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 60% of the amount payable if the participant had retired early with a 60% joint and survivor benefit.

Medicare Supplement
Eligibility

Age 65.

Benefit

A monthly benefit equal to the Medicare Part B premium, which continues to the beneficiary if over 65 or under 65 and enrolled in Medicare Part B. The amount for 2014 is \$104.90.

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Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

Effective January 1, 2008, 60% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 60% of reduced benefit continues to surviving spouse. The reduction cannot be greater than the reduction prior to January 1, 2008 which was 5%.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
75% joint and survivor annuity
100% joint and survivor annuity

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

The number of completed years and months from the date of hire to January 1, 1965 plus for each calendar year starting January 1, 1965, one year of credited service is earned when 1,700 hours are worked. Partial years are credited when less than 1,700 hours are worked. Accruals stopped on February 28, 2007 due to the plant closure.

Vesting Service

The number of completed years and months from date of hire to January 1, 1976 plus for each calendar year starting January 1, 1976, one year of vesting service is earned when 1,000 hours are worked.

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Gilmour Manufacturing

Effective Date

September 1, 1978. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Gilmour Manufacturing as Exhibit G. Last amendment dated December 7, 2017.

Eligibility for Participation

Hourly employees of Gilmour Manufacturing Company, excluding both employees covered by a collective bargaining agreement and salaried employees. Full-time employees who work at least 30 hours per week become participants at date of hire. Part-time employees become participants on January 1 or July 1 following one year of service.

Normal Retirement

Eligibility

Age 65.

Benefit

A monthly amount equal to (1) plus (2):

(1) Years of credited service multiplied by:

Service Period	Amount
Service after 12/31/1996	\$13.25
01/01/1995–12/31/1996	\$12.00
09/01/1994–12/31/1994 (250 hours required)	\$3.33
09/01/1992–08/31/1994	\$10.00
09/01/1978–08/31/1992	\$8.00

(2) \$8.00 multiplied by pre September 1, 1978 service multiplied by the years of service to date divided by the years of service at normal retirement date.

Early Retirement

Eligibility

Age 62 and 10 years of vesting service.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 0.6% for each month the early retirement precedes age 65.

Vested Termination

Eligibility

Five years of vesting service. A partial plan termination resulted due to the plant closing announcement on March 4, 2009. Participants who terminated after the plant closing announcement with less than five years of vesting service were 100% vested in their accrued benefit.

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Benefit	The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.
Disability Eligibility	Ten years of vesting service.
Benefit	The accrued benefit based on service to the date of disability, commencing immediately.
Surviving Spouse Eligibility	Five years of vesting service.
Benefit	A monthly benefit payable to the surviving spouse beginning no earlier than the date the participant would have attained age 55 equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.
Normal Form of Annuity Without Spouse	Single life annuity.
With Spouse	100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.
	Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.
Optional Forms of Annuity	Single life annuity 5-year certain and life annuity 10-year certain and life annuity 50% joint and survivor annuity 75% joint and survivor annuity 100% joint and survivor annuity
Actuarial Equivalence	Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

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Definitions

Credited Service

The number of whole years worked as an hourly employee. Accruals stopped on December 31, 2009 due to the plant closure.

Vesting Service

The number of years an employee works 1,000 hours or more, excluding years prior to September 1, 1978.

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Hagglunds Drive

Effective Date

January 1, 2000. Amended and restated effective January 1, 2002. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Hagglunds Drive as Exhibit H. Last amendment dated December 7, 2017.

Eligibility for Participation

An employee that was a participant on December 31, 1999 of the MacGregor (USA), Inc. Salaried Pension Plan became a participant on January 1, 2000. No new participants can enter the plan after December 31, 1999.

Normal Retirement
Eligibility

Age 65.

Benefit

A monthly amount equal to (1) plus (2) but not less than (3) or (4):

- (1) 1.05% of average annual compensation up to covered compensation multiplied by years of credited service limited to 30 years.
- (2) 1.50% of average annual compensation in excess of covered compensation multiplied by years of credited service limited to 30 years.
- (3) The accrued benefit under the prior plan in effect December 31, 1989.
- (4) The accrued benefit under the prior plan in effect December 31, 1995.

No credited service is earned after December 31, 1999.

Early Retirement
Eligibility

Age 55 and 10 years of continuous service. Certain grandfathered participants are eligible to retire when their age plus service is greater than or equal to 75.

Benefit

A monthly benefit equal to the normal retirement benefit reduced by 1/3 of 1% for each month the early retirement precedes age 65.

For participants with more than 30 years of service, the benefit is reduced 1/3 of 1% for each month the early retirement precedes age 62.

Certain grandfathered participants have the reduction calculated from age 60.

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Vested Termination

Eligibility

Five years of vesting service.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after eligibility for early retirement. The amount of the benefit shall be determined in the same manner as early retirement.

Surviving Spouse

Eligibility

Five years of vesting service.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 100% of the amount payable if the participant had retired early with a 100% joint and survivor benefit.

Normal Form of Annuity

Without Spouse

Single life annuity.

With Spouse

100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
50% joint and survivor annuity
100% joint and survivor annuity
Lump sum payment if less than \$5,000

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions

Credited Service

Each participant shall be credited with the years of credited service with which he was credited under the prior plan as of December 31, 1999. No additional credited service will be granted for periods after December 31, 1999.

Vesting Service

The period from date of hire to date of termination. Partial years of service are credited on the basis of completed days.

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Telex

Effective Date

June 1, 1989. Amended and restated effective July 1, 1999. The latest amendment dated November 12, 2014. The Pension Plan for Discontinued Operations of Robert Bosch was amended and restated on January 1, 2012 with Telex as Exhibit I. Last amendment dated December 7, 2017.

Eligibility for Participation

An employee is eligible to participate in the plan upon completion of one year of service in which 1,000 or more hours were worked. Participation date is the first of the month following completion of the eligibility requirements. No new participants can enter the plan after June 30, 2003.

Normal Retirement
Eligibility

Age 65.

Benefit

An account balance that consists of (1) plus (2) plus (3):

- (1) Initial account balance which shall equal the sum of the actuarial present value of the accrued benefit under the plan in effect on June 30, 1999 plus the accumulated employee contributions as of January 1, 1982 increased with interest at 8% per year through June 30, 1999;
- (2) Pay credits which shall be credited to the account balance as of December 31 of the current year. As of June 30, 2003, pay credits are no longer granted;
- (3) Investment credit which is an amount equal to the account balance as of the first day of the current year multiplied by the investment credit rate in effect for the current year.

The account balance can be paid as a lump sum or an actuarially equivalent monthly annuity. Prior to distribution the account balance shall never be less than the actuarial present value of the accrued benefit under the plan at June 30, 1999.

Vested Termination
Eligibility

Three years of vesting service.

Benefit

The accrued benefit at the date of termination. Prior to commencement the accrued benefit at termination will be credited with interest annually.

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Surviving Spouse
Eligibility

Three years of vesting service.

Benefit

The account balance paid as a lump sum or an actuarially equivalent life annuity.

Normal Form of Annuity
Without Spouse

Single life annuity.

With Spouse

100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Single life annuity
5-year certain and life annuity
10-year certain and life annuity
50% joint and survivor annuity
100% joint and survivor annuity
Lump sum payment.

Actuarial Equivalence

Applicable Mortality Table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.

Definitions
Vesting Service

A year of vesting service is earned for each calendar year that 1,000 or more hours of service are worked.

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Security Systems

Effective Date	October 28, 2002. Amended and restated effective January 1, 2016. The Pension Plan for Discontinued Operations of Robert Bosch was amended on December 7, 2017 with Security Systems added to the plan document as Exhibit K.						
Eligibility for Participation	<p>Immediate for any hourly-paid U.S. employee of Bosch Security Systems Inc. who is represented by the International Brotherhood of Electrical Workers (IBEW) Local 1666 Union.</p> <p>Participation and benefit accruals frozen as of December 31, 2012.</p>						
Normal Retirement Eligibility	Age 62.						
Benefit	<p>A monthly amount equal to the multiplier effective on the date of termination for each year of benefit service.</p> <table><tr><th>Multiplier</th><th>Effective Date</th></tr><tr><td>\$25.00</td><td>9/1/2004</td></tr><tr><td>\$26.00</td><td>1/1/2007</td></tr></table>	Multiplier	Effective Date	\$25.00	9/1/2004	\$26.00	1/1/2007
Multiplier	Effective Date						
\$25.00	9/1/2004						
\$26.00	1/1/2007						
Early Retirement Eligibility	Age 55 and five years of eligibility service or 30 years of eligibility service regardless of age.						
Benefit	<p>A monthly benefit equal to the normal retirement benefit reduced by 7/12 of 1% for each month the early retirement precedes the normal retirement.</p> <p>There is no reduction if the participant has 30 years of eligibility service.</p>						
Vested Termination Eligibility	Five years of eligibility service.						
Benefit	The accrued benefit based on benefit service and multiplier level at the date of termination. Reduced payments may begin any time after eligibility for early retirement based on the same reductions as early retirement from active status.						

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Disability	
Eligibility	Five years of eligibility service.
Benefit	The accrued benefit based on benefit service and multiplier level at the date of disability.
Surviving Spouse	
Eligibility	Five years of eligibility service.
Benefit	A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to the amount payable if the participant had retired early with a 100% joint and survivor benefit.
Normal Form of Annuity	
Without Spouse	Five year certain and life annuity.
With Spouse	100% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime with five years certain. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continues to surviving spouse. If, while receiving a joint and survivor annuity, the spouse pre-deceases the participant, the retired participant can elect a single life annuity (but not five year certain and life annuity).
Optional Forms of Annuity	Five year certain and life annuity, 50% joint and survivor annuity, 100% joint and survivor annuity and a lump sum.
Actuarial Equivalence	Applicable mortality table per section 417(e)(3) of the Internal Revenue Code and 6% interest rate.
Definitions	
Benefit Service	Benefit service is computed under the elapsed time method, to the nearest one-twelfth of a year. Partial months containing at least 15 days of service are considered complete months. There is no benefit service prior to November 1, 2002.
Vesting Service	Vesting service is computed under the elapsed time method. It includes the period of employment with Bosch Security Systems Inc. plus any service from the Philips predecessor plan.

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Gilmour Hose

Effective Date

January 1, 1988. Amended and restated effective January 1, 2016. Last amendment dated October 1, 2016. The Pension Plan for Discontinued Operations of Robert Bosch was amended on December 7, 2017 with Security Systems added to the plan document as Exhibit J.

Eligibility for Participation

All union employees (AFL-CIO Local No. 964) of Gilmour Hose Division are eligible to participate. All full-time hourly employees (employees who work at least 30 hours per week) shall become participants in this plan on their hire date. Part-time employees shall become participants in this plan on the January 1 or July 1 coincident with or next following the date on which 1,000 hours of service is completed in a year.

Union employees who were participants in the prior Gates Retirement Plan on December 22, 1987 became participants in this plan on January 1, 1988.

Certain employees associated with the sale to Fiskars Brands, Inc. who have not reached age 65 shall be treated as if they were one year older than their actual age (but not older than 65). In addition, these employees shall be credited with an additional year of credited service.

Normal Retirement

Eligibility

Age 65.

Benefit

A monthly amount equal to the sum of (1) plus (2):

- (1) For each year of benefit service earned since January 1, 1988, the annual benefit accruals are as follows:

Benefit Service Earned in Year	Amount
1988	\$10.50
1989	\$10.75
1990–1991	\$11.00
1992–1994	\$11.50
1995–1996	\$12.00
1997–2003	\$12.50
2004–2006	\$13.50
2007	\$14.50
2008	\$15.50
2009–2011	\$16.50
2012–2013	\$17.50
2014 and after	\$18.00

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(2) For prior Gates Retirement Plan participants, years of benefit service as of December 22, 1987 multiplied by \$0.30.

Early Retirement
Eligibility

- (a) Age 62 and 10 years of credited service; or
- (b) Age 55 and 37 years of credited service; or
- (c) Age 55 and 10 years of credited service.

Benefit

Unreduced normal retirement benefit for (a) or (b) above. For (c) above, a monthly benefit equal to the normal retirement benefit reduced by 4/10 of 1% for each month the early retirement precedes age 62.

Vested Termination
Eligibility

Five years of credited service.

A partial plan termination resulted due to the sale of the company to Fiskars Brands, Inc. on December 19, 2014. Participants who were terminated due to the sale with less than five years of vesting service were 100% vested in their accrued benefit.

Benefit

The accrued benefit at the date of termination. Reduced payments may begin any time after age 55. Reduction is 4/10 of 1% for each month the commencement precedes age 65.

Disability
Eligibility

Ten years of credited service.

Benefit

The accrued benefit based on benefit service and multiplier level at the date of disability, paid immediately. In addition, the participant also receives a supplemental disability benefit that equals the accrued benefit, payable until age 65.

Surviving Spouse
Eligibility

Five years of credited service. Participant and spouse must be married at least one year prior to death.

Benefit

A monthly benefit payable to the surviving spouse beginning at the employee's earliest retirement age equal to 50% of the amount payable if the participant had retired early with a 50% joint and survivor benefit.

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Normal Form of Annuity
Without Spouse

Five-year certain and life annuity.

With Spouse

50% joint and survivor annuity reduced to be equivalent to the retirement benefit payable for employee's lifetime with five-year guarantee. Participant receives reduced lifetime benefit and, in event of participant's death, 50% of reduced benefit continues to surviving spouse.

Participants who terminated employment prior to January 1, 2016 with a deferred vested benefit were offered a one-time lump sum during 2016. Forms of payments were lump sum or immediate annuity.

Optional Forms of Annuity

Five year certain and life annuity, 50% joint and survivor annuity and 75% joint and survivor annuity.

Actuarial Equivalence

Applicable mortality table per section 417(e)(3) of Internal Revenue Code and 6% interest rate.

Definitions

Plan Year

January 1 to December 31.

Benefit Service

One year of benefit service is earned if the participant works 1,000 or more hours in one plan year starting January 1, 1988.

Credited Service

One year of credited service is earned if the participant works 1,000 or more hours in one plan year.

Plan Changes Since the Prior Year

The January 1, 2018 funding valuations reflect the following plan change:

- Effective January 1, 2018, the Bosch Security Systems Inc. Pension Plan for Hourly Employees and the Gilmour Hose Company Hourly Employees Pension Plan were merged into this plan.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption changes:

- A change in the cash balance interest crediting rate from 2.38% to 3.02%.
- A change in the retirement rates (Telex participants only) to better reflect plan experience.
- A change in the termination rates (Telex participants only) to better reflect plan experience.
- A change in the TV retirement age from 62 to 63.
- A change in the percent married assumption to be 80% for all locations.
- The crediting rate on the VPA account was updated from 3.02% to 2.88% (greater of the January 30 year treasury rate or 120% of the Federal Midterm rate). The crediting rate on the PPA account was updated from 2.36% to 2.62% (120% of the Federal Midterm Rate).

These changes were made to better reflect the anticipated plan experience. None of these assumption changes reduced the funding shortfall; as such, approval of the Commissioner is not required.