

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;">2019</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2019 or fiscal plan year beginning <u>01/01/2019</u> and ending <u>12/31/2019</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information										
1a Name of plan <u>COVIA HOLDINGS CORPORATION PENSION PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>003</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>06/01/1960</u></td> </tr> <tr> <td colspan="2">2b Employer Identification Number (EIN) <u>13-2656671</u></td> </tr> <tr> <td colspan="2">2c Plan Sponsor's telephone number <u>440-214-3244</u></td> </tr> <tr> <td colspan="2">2d Business code (see instructions) <u>212320</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>003</u>	1c Effective date of plan <u>06/01/1960</u>		2b Employer Identification Number (EIN) <u>13-2656671</u>		2c Plan Sponsor's telephone number <u>440-214-3244</u>		2d Business code (see instructions) <u>212320</u>	
1b Three-digit plan number (PN) ▶	<u>003</u>										
1c Effective date of plan <u>06/01/1960</u>											
2b Employer Identification Number (EIN) <u>13-2656671</u>											
2c Plan Sponsor's telephone number <u>440-214-3244</u>											
2d Business code (see instructions) <u>212320</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>COVIA HOLDINGS CORPORATION</u> <u>3 SUMMIT PARK DRIVE, SUITE 700</u> <u>INDEPENDENCE, OH 44131</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.	10/13/2020	KEITH FEICKS
	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 (2019)
v. 190130

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
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 1079
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) 469 6a(2) 472 6b 201 6c 311 6d 984 6e 96 6f 1080 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 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 2019 Form M-1 annual report. If the plan was not required to file the 2019 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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

► **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>COVIA HOLDINGS CORPORATION PENSION PLAN</u>	B Three-digit plan number (PN) ►	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>COVIA HOLDINGS CORPORATION</u>	D Employer Identification Number (EIN) <u>13-2656671</u>	
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>2019</u>		
2	Assets:		
	a Market value	2a	<u>92605626</u>
	b Actuarial value	2b	<u>92605626</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment.....	<u>262</u>	<u>24539904</u>
	b For terminated vested participants.....	<u>345</u>	<u>23061664</u>
	c For active participants	<u>469</u>	<u>60339268</u>
	d Total.....	<u>1076</u>	<u>110975320</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>4.50</u> %
6	Target normal cost.....	6	<u>989004</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	<div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>09/21/2020</u></div> <div style="text-align: right;">Signature of actuary</div> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>20-04490</u></div> <div style="text-align: right;">Date</div> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>THOMAS L. MOSHER, FSA</u></div> <div style="text-align: right;">Type or print name of actuary</div> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>BUCK GLOBAL, LLC</u></div> <div style="text-align: right;">Most recent enrollment number</div> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>420 LEXINGTON AVENUE</u> <u>SUITE 2220</u> <u>NEW YORK, NY 10171</u></div> <div style="text-align: right;">Firm name</div> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>203-858-3277</u></div> <div style="text-align: right;">Telephone number (including area code)</div> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>Address of the firm</u></div> </div>	<div style="border-bottom: 1px solid black; margin-bottom: 10px;"> <div style="text-align: right; margin-right: 20px;"><u>203-858-3277</u></div> <div style="text-align: right;">Telephone number (including area code)</div> </div>
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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) 2019
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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	11681751
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	9938301
9 Amount remaining (line 7 minus line 8)	0	1743450
10 Interest on line 9 using prior year's actual return of <u>-4.49</u> %	0	-78281
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>3.84</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	1665169

Part III Funding Percentages

14 Funding target attainment percentage	14	81.94 %
15 Adjusted funding target attainment percentage	15	81.94 %
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	80.00 %
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
07/12/2019	858143	0			
10/11/2019	1274435	0			
01/13/2020	1274435	0			
09/14/2020	767777	0			
Totals ▶			18(b)	4174790	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	4000261

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
0	0	0	0

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

21 Discount rate:				
a Segment rates:	1st segment: %	2nd segment: %	3rd segment: %	☒ N/A, full yield curve used
b Applicable month (enter code)				21b
22 Weighted average retirement age				22 64
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	989004	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	20034863	4675149	
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	5664153	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	1665169	1665169
36 Additional cash requirement (line 34 minus line 35)	36	3998984	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	4000261	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	1277	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	1277	
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 C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2019
		This Form is Open to Public Inspection.

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan COVIA HOLDINGS CORPORATION PENSION PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 COVIA HOLDINGS CORPORATION	D Employer Identification Number (EIN) 13-2656671	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
PIMCO	650 NEWPORT CENTER DRIVE NEWPORT BEACH, CA 92660

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
WELLESLEY ASSET MANAGEMENT, INC.	20 WILLIAM STREET WELLESLEY, MA 02481

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
JANUS CAPITAL MANAGEMENT LLC	151 DETROIT STREET DENVER, CO 80206-4805

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
CATALYST CAPITAL ADVISORS LLC	P.O. BOX 541150 OMAHA, NE 68154

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

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

OPPENHEIMER ASSET MANAGEMENT

74-2154744

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 50	NONE	189310	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CONNORS INVESTOR SERVICES, INC.

23-1716484

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE	144500	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

NUVEEN ASSET MANAGEMENT

27-4357327

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE	123405	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BANK OF AMERICA

94-1687665

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21 25 31 50 52 62	NONE	54954	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

TORTOISE CREDIT STRATEGIES LLC

11550 ASH STREET SUITE 300
LEAWOOD, KS 66211

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE	51881	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

ACR ALPINE INVESTMENT MANAGEMENT

95-3893480

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE	49330	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE 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.	<small>OMB No. 1210-0110</small> 2019 This Form is Open to Public Inspection
For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan COVIA HOLDINGS CORPORATION PENSION PLAN		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 COVIA HOLDINGS CORPORATION		D Employer Identification Number (EIN) 13-2656671

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	2042212
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)	2274160	1565512
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	3524383	1248664
(2) U.S. Government securities	1c(2)	9433538	8132098
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	39554885	56103423
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)	5545143	0
(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)		
(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)	34656793	30111295
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(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	94988902	99203204

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	2297716	112173
i Acquisition indebtedness	1i		
j Other liabilities	1j	189937	120127
k Total liabilities (add all amounts in lines 1g through 1j)	1k	2487653	232300

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	92501249	98970904
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Part II Income and Expense Statement

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

Income**a Contributions:**

		(a) Amount	(b) Total
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	4174790	
(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)		4174790

b Earnings on investments:**(1) Interest:**

(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	51751	
(B) U.S. Government securities	2b(1)(B)	34688	
(C) Corporate debt instruments	2b(1)(C)	1547912	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	80783	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1715134

(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	128087	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	942830	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1070917

(3) Rents	2b(3)		
-----------------	--------------	--	--

(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	145313513	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	141569700	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		3743813

(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	4819008	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		4819008

		(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)		
(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)		3350824
c Other income	2c		944192
d Total income. Add all income amounts in column (b) and enter total	2d		19818678

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	21364212	
(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)		21364212
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)	558426	
(4) Other	2i(4)	10749	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		569175
j Total expenses. Add all expense amounts in column (b) and enter total	2j		21933387

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-2114709
l Transfers of assets:			
(1) To this plan	2l(1)		8584364
(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) ☐ Unmodified (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: MEADEN & MOORE, LTD.

(2) EIN: 34-1818258

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	
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		10000000
4e	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	X		
4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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 4226201. (See instructions.)

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2019</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan COVIA HOLDINGS CORPORATION PENSION PLAN		B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 COVIA HOLDINGS CORPORATION		D Employer Identification Number (EIN) 13-2656671
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 06-6379101		
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		3 116
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month Day Year If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☒ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2019 v. 190130		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14	Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:		
a	The current year	14a	
b	The plan year immediately preceding the current plan year	14b	
c	The second preceding plan year	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
a	The corresponding number for the plan year immediately preceding the current plan year	15a	
b	The corresponding number for the second preceding plan year	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
a	Enter the number of employers who withdrew during the preceding plan year	16a	
b	If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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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	<p>If the total number of participants is 1,000 or more, complete lines (a) through (c)</p> <p>a Enter the percentage of plan assets held as: Stock: <u>13.0</u> % Investment-Grade Debt: <u>73.0</u> % High-Yield Debt: <u>0.0</u> % Real Estate: <u>0.0</u> % Other: <u>14.0</u> %</p> <p>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</p> <p>c What duration measure was used to calculate line 19(b)? ☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____</p>
20	<p>PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.</p> <p>a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No</p> <p>b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____</p>

COVIA HOLDINGS CORPORATION PENSION PLAN

FINANCIAL STATEMENTS
WITH
INDEPENDENT AUDITOR'S REPORT

December 31, 2019

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INDEPENDENT AUDITOR'S REPORT

Covia Holdings Corporation Pension Plan Committee
Covia Holdings Corporation Pension Plan
Independence, Ohio

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Covia Holdings Corporation Pension Plan (the “Plan”), which comprise the statement of net assets available for benefits and the statement of accumulated plan benefits as of December 31, 2019 and 2018, and the related statement of changes in net assets available for benefits and the related statement of changes in accumulated plan benefits for the years ended December 31, 2019 and 2018, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

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

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 5, which was certified by Bank of America, N.A. and Huntington National Bank, the trustees 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 trustees hold the Plan's investment assets and execute investment transactions. The Plan Administrator has obtained a certification from the trustees as of December 31, 2019 and 2018, and for the year ended December 31, 2019 and 2018, that the information provided to the plan administrator by the trustees is complete and accurate.

Disclaimer of Opinion

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

Other Matter

The supplemental Schedule of Assets Held for Investment Purposes at End of Year as of December 31, 2019 and Schedule of Reportable Transactions for the year ended December 31, 2019 are required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and are presented for the purpose of additional analysis and are not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on these supplemental schedules.

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

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

A handwritten signature in blue ink that reads "Meaden & Moore, Ltd." in a cursive script.

Meaden & Moore, Ltd.
Cleveland, Ohio

October 7, 2020

STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

Covia Holdings Corporation Pension Plan

	December 31	
	2019	2018
ASSETS		
Receivable - Employer contributions	\$ 2,042,212	\$ -
Receivable - Interest	1,565,512	542,168
Receivable - Securities sold	-	1,731,992
Total Receivables	3,607,724	2,274,160
Investments at Fair Value:		
Money market funds	1,248,664	3,524,383
U.S. government and agency securities	8,132,098	9,433,538
Corporate, municipal and foreign bonds	56,103,423	39,554,885
Mutual funds	30,111,295	34,656,793
Common stock	-	5,545,143
Total Investments at Fair Value	95,595,480	92,714,742
LIABILITIES		
Payables for securities purchased	112,173	2,297,716
Other liabilities	120,127	189,937
Total Liabilities	\$ 232,300	\$ 2,487,653
Net Assets Available for Benefits	\$ 98,970,904	\$ 92,501,249

See accompanying notes.

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

Covia Holdings Corporation Pension Plan

	Year Ended December 31	
	<u>2019</u>	<u>2018</u>
Additions to Net Assets Attributed to:		
Contributions:		
Employer	\$ 4,174,790	\$ 7,592,703
Investment Income /(Loss):		
Interest and dividend income	2,786,051	3,475,997
Other income/(loss)	944,192	(768,676)
Net unrealized/realized appreciation/(depreciation)	<u>11,913,645</u>	<u>(7,894,116)</u>
Total Investment Income/(Loss)	15,643,888	(5,186,795)
Deductions from Net Assets Attributed to:		
Benefits paid to participants	21,364,212	24,008,875
Administrative expenses	<u>569,175</u>	<u>620,659</u>
Total Deductions	<u>21,933,387</u>	<u>24,629,534</u>
Net Decrease before transfers	(2,114,709)	(22,223,626)
Transfer In from Wedron Pension Plan	6,941,297	-
Transfer In from Technisand Pension Plan	<u>1,643,067</u>	<u>-</u>
Total Transfers In	8,584,364	-
Net Assets Available for Benefits:		
Beginning of Year	<u>92,501,249</u>	<u>114,724,875</u>
End of Year	<u>\$ 98,970,904</u>	<u>\$ 92,501,249</u>

See accompanying notes.

STATEMENT OF ACCUMULATED PLAN BENEFITS

Covia Holdings Corporation Pension Plan

	January 1 2019
	<hr/>
Vested benefits:	
Participants currently receiving benefits	\$ 20,429,066
Other participants	<hr/> 65,786,195
Total vested benefits	86,215,261
 Non-Vested benefits:	 <hr/> 6,012,744
 Total actuarial present value of accumulated plan benefits	 <hr/> <hr/> \$ 92,228,005

See accompanying notes.

STATEMENT OF CHANGES IN ACCUMULATED PLAN BENEFITS

Covia Holdings Corporation Pension Plan

	<u>Year Ended January 1, 2019</u>
Actuarial present value of accumulated plan benefits at beginning of year	\$ 107,098,691
Increase/(Decrease) during the year attributable to:	
Benefits accumulated	5,576,022
Benefits paid	(24,008,875)
Interest due to decrease in the discount period	6,387,140
Assumption changes	<u>(2,824,973)</u>
Net change	<u>(14,870,686)</u>
Actuarial present value of accumulated plan benefits at end of year	<u><u>\$ 92,228,005</u></u>

See accompanying notes.

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

1 Description of Plan

The following description of Covia Holdings Corporation Pension Plan (the “Plan”) provides only general information. Participants should refer to the Plan document for a complete description of the Plan's provisions.

General:

The Plan is a noncontributory defined benefit pension plan covering all active salaried and hourly employees at participating plant locations of Covia Holdings Corporation (the “Company”) and affiliated entities. Effective June 1, 2018, the Company name was changed from Unimin Corporation.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Effective December 31, 2019, the assets of both the Wedron Silica Company Hourly Employees’ Pension Plan (the “Wedron Plan”) and the Pension Plan for Hourly Bargaining Unit Employees of Technisand, Inc. – Troy Grove (the “Technisand Plan”) were merged with the assets of the Plan. As a result of this merger, the Plan’s accumulated plan benefit obligation is estimated to have increased by \$7.1 million as of the actuarial valuation date of January 1, 2020.

Effective May 31, 2019 the plan was amended to cease the accrual of benefits for hourly employees at the Emmett, Idaho facility.

The Plan was amended effective June 1, 2018 to change the employers eligible to participate in the Plan and to change the primary employer of the Plan to the Company. The Plan was further amended effective December 31, 2018 to cease the accrual of benefits for all plan benefit schedules not covered by a collective bargaining agreement.

Eligibility:

All active salaried and non-union hourly employees at participating plant locations commencing employment prior to January 1, 2008 are eligible to participate in the Plan as specified in the applicable benefit schedule. The Plan was closed to salaried and nonunion hourly employees hired after January 1, 2008. Effective January 1, 2009, the Plan was closed to union hourly employees at Hephzibah, Georgia, and effective January 1, 2010, the Plan was closed to union hourly employees at Emmett, Idaho and McIntyre, Georgia. Effective May 1, 2010, the Plan was closed to union hourly employees at Green Mountain, North Carolina and Spruce Pine Quartz, North Carolina. Effective August 19, 2017, the Plan closed to union hourly employees at Utica, Illinois. Effective September 1, 2017, the Plan closed to union hourly employees at Cleburne, Texas. Effective November 1, 2017, the Plan closed to union hourly employees at Troy Grove, Illinois.

Funding Policy:

Contributions to provide benefits under the Plan are made solely by the Company. The Company’s funding policy is to make periodic cash contributions to the Plan in amounts as determined by the Plan’s independent actuary. The Company met the minimum funding requirements of ERISA for the years ended December 31, 2019 and 2018.

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

1 Description of Plan, Continued

Payment of Benefits:

Participants are vested after five years of service. Early and deferred retirement is permitted and benefit payments can also be received upon death or disability. There are several payment options including a joint and survivor annuity. Benefits to participants are recorded upon distribution.

Benefits for salaried participants are a percentage of final average earnings in excess of social security earnings (as defined in the Plan document). The percentage varies based on length of service. Benefits for hourly participants are based upon the plan benefit formula specific to the employee's plant which provides for changes in benefit unit values.

2 Summary of Significant Accounting Policies

Basis of Accounting:

The Plan's transactions are reported on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

Recent Accounting Pronouncements:

In August 2018, the FASB issued Accounting Standards Update No. 2018-13, Fair Value Measurement (Topic 820): Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement ("ASU 2018-13"). The new standard removes or modifies certain existing disclosure requirements and adds additional disclosure requirements related to fair value measurement. The Plan elected to early adopt ASU 2018-13 for the year ended December 31, 2019. The effect of the adoption is an overall reduction in disclosures related to fair value measurement.

Valuation of Investments:

Investments are stated at fair value. Marketable securities are reported at fair market value as of the balance sheet date. Fair market values represent quoted market prices or, if quoted market prices are not available, estimated fair values as determined by the Plan's investment broker.

Purchase and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date. Interest income is recorded on the accrual basis. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Use of Estimates:

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

2 Summary of Significant Accounting Policies, Continued

Actuarial Present Value of Accumulated Plan Benefits:

Accumulated Plan benefits represent future periodic payments for services employees have rendered. Accumulated Plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, or (c) present employees or their beneficiaries. The effect of plan amendments on accumulated plan benefits is recognized during the year in which such amendments become effective.

Administrative Fees:

All costs and expenses incurred in administering the Plan may be paid out of the Plan if the Employer does not pay such expenses directly.

Plan Termination:

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, to vested participants based upon an actuarial calculation.

Certain benefits under the Plan are insured by the Pension Benefit Guaranty Corporation (PBGC) if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination. However, there is a statutory ceiling on the amount of an individual's monthly benefit that the PBGC guarantees.

Risks and Uncertainties:

The Plan's investment include investments in money market funds, U.S. government and agency securities, bonds, mutual funds, and common stocks with varying degrees of risk, such as interest rate, credit, and overall market volatility risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and such changes could materially affect the amounts reported in the statement of net assets available for plan benefits.

Plan contributions are made and the actuarial present value of accumulated benefits are 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 estimation and assumption processes, it is reasonably possible that changes in these estimates and assumptions could materially affect the amounts reported in the statements of net assets available for benefits and the statements of changes in net assets available for benefits.

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

2 Summary of Significant Accounting Policies, Continued

Subsequent Events:

Management evaluates subsequent events occurring subsequent to the date of the financial statements in determining and the accounting for and disclosure of transactions and events that affect the financial statements.

Subsequent events have been evaluated through October 7, 2020, which is the date the financial statements were available to be issued.

3 Tax Status

On March 5, 2018 the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code (“IRC”). The Plan has been amended, however, the Plan Administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, they believe that the Plan was qualified and the related trust was tax-exempt as of the financial statement date.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken uncertain tax positions that more-likely-than-not would not be sustained upon examination by applicable taxing authorities. The Plan administrator has analyzed tax positions taken by the Plan and has concluded that, as of December 31, 2019, there are no uncertain tax positions taken, or expected to be taken, that would require recognition of a liability or that would require disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions. However, currently no audits for any tax periods are in progress.

4 Fair Value Measurements

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (Level 3). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under Topic 820 are described as follows:

- * Level 1: Inputs to the valuation methodology are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Plan can access at the measurement date.
- * Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:
 - * 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.

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

4 Fair Value Measurements, Continued

* Level 3: Inputs that are unobservable inputs for the asset or liability.

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2019 and 2018.

Money Market:

These investments are valued at amortized cost. Under the amortized cost valuation method, an investment is valued initially at its cost as determined in accordance with U.S. GAAP. Since there are some unobservable inputs associated with this valuation, these have been classified in Level 2 of the fair value hierarchy.

U.S. Government/Agency Securities and Common Stock:

These investments are valued at the closing price reported in the active market in which the individual security is traded and are classified in Level 1 of the fair value hierarchy.

Corporate, Municipal, and Foreign Bonds:

These investments are valued using quotes obtained from third-party pricing services that are based on current information that reflects orderly market transactions. As such, these are classified in Level 2 of the fair value hierarchy.

Mutual Funds:

The fair value of the mutual funds are based on quoted market prices and are classified in Level 1 of the fair value hierarchy.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2019 and 2018. Classification within the fair value hierarchy table is based on the lowest level of any input that is significant to the fair value measurement.

	Assets at Fair Value as of December 31, 2019			
	Level 1	Level 2	Level 3	Total
U.S. government and agency securities	\$ 8,132,098	\$ -	\$ -	\$ 8,132,098
Money market funds	-	1,248,664	-	1,248,664
Corporate, municipal and foreign bonds	-	56,103,423	-	56,103,423
Mutual funds	30,111,295	-	-	30,111,295
Investments at fair value	<u>\$ 38,243,393</u>	<u>\$ 57,352,087</u>	<u>\$ -</u>	<u>\$ 95,595,480</u>

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

4 Fair Value Measurements, Continued

	Assets at Fair Value at December 31, 2018			
	Level 1	Level 2	Level 3	Total
Money market funds	\$ -	\$ 3,524,383	\$ -	\$ 3,524,383
U.S. government and agency securities	9,433,538	-	-	9,433,538
Corporate, municipal and foreign bonds	-	39,554,885	-	39,554,885
Mutual funds	34,656,793	-	-	34,656,793
Common stock	5,545,143	-	-	5,545,143
Investments at fair value	<u>\$ 49,635,474</u>	<u>\$ 43,079,268</u>	<u>\$ -</u>	<u>\$ 92,714,742</u>

5 Information Prepared and Certified by Trustees

The following information included in the accompanying financial statements and supplemental schedule was obtained from data that has been prepared and certified as complete and accurate by the Trustees.

	2019	2018
Investments, at Fair Value	\$ 95,595,480	\$ 92,714,742
Interest and Dividends	\$ 2,786,051	\$ 3,475,997
Other Income/(Loss)	\$ 944,192	\$ (768,676)
Net Appreciation/(Depreciation)	\$ 11,913,645	\$ (7,894,116)

6 Accumulated Plan Benefits

The actuarial present value of accumulated plan benefits is determined by Buck Consultants, the plan's independent actuary, and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits 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 actuarial benefit information date and the expected date of payment. The significant actuarial assumptions used in the valuations as of January 1, 2019 and 2018, were:

- Discount rate: 6.50% for 2019 and 2018
- Retirement age: ranging from 60-65 for both Hourly and Salaried for 2019 and 2018
- Mortality tables:
 - For 2019, the RP-2014 Healthy Generational Mortality Table with Blue Collar adjustment for Hourly and White-Collar adjustment for Salaried, rolled back to 2006 and projected with Mortality Improvement Scale MP-2018.
 -

NOTES TO FINANCIAL STATEMENTS

Covia Holdings Corporation Pension Plan

6 Accumulated Plan Benefits, Continued

- For 2018, the RP-2014 Healthy Generational Mortality Table with Blue Collar adjustment for Hourly and White-Collar adjustment for Salaried, rolled back to 2006 and projected with Mortality Improvement Scale MP-2017.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, other assumptions and factors might be applicable in determining the actuarial present value of accumulated Plan benefits.

7 Party-in-Interest Transactions

Certain Plan investments are corporate bonds issued by Bank of America, the Trustee as defined by the Plan, and therefore, these transactions qualify as party-in-interest transactions. In addition, the Plan has arrangements with various service providers and these arrangements qualify as party-in interest transactions.

8 Other Liabilities

This amount includes \$59,987 and \$104,377 of accrued administrative expenses for the years ended December 31, 2019 and 2018, respectively.

At times, the Plan holds investments in call and put options. These instruments are acquired and held to add incremental value and to hedge or reduce investment risk. Although the contract or notional amounts of these instruments are not recorded on the financial statements, these instruments are recognized as either an asset or a liability depending on the rights or obligations of the contract measured at fair value. These instruments may involve, to varying degrees, elements of credit and market risk in excess of amounts recognized in the financial statements. The Plan minimizes the credit (or repayment) risk in these instruments by entering into transactions with high-quality counterparties. The Plan manages market risk by establishing and monitoring limits as to the type of degree of risk that may be undertaken. There were derivative instruments in a liability position of \$60,140 and \$85,560 as of December 31, 2019 and 2018, respectively.

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR
Form 5500, Schedule H, Part IV, Line 4i

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2019

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(c) Par Value	(d) Cost	(e) Current Value
Money market funds:					
	ADVANTAGE BANK DEPOSIT	ADVANTAGE BANK DEPOSIT FDIC INSURED AT VARIOUS BANKS	101,548	\$ 101,548	\$ 101,548
	FEDERATED GOVT OBLIGS FUND	FEDERATED GOVT OBLIGS FUND PREMIER CLASS	423,207	423,207	423,207
	FEDERATED GOVT OBLIGS FUND	FEDERATED GOVT OBLIGS FUND PREMIER CLASS	340,048	340,048	340,048
	FEDERATED US TREASURY CASH	FEDERATED US TREASURY CASH RESERVES #125	2	2	2
	FEDERATED US TREASURY CASH	FEDERATED US TREASURY CASH RESERVES #125	261,572	261,572	261,572
	FEDERATED US TREASURY CASH	FEDERATED US TREASURY CASH SERVICE SHARES	30,097	30,097	30,097
	FEDERATED US TREASURY CASH	FEDERATED US TREASURY CASH SERVICE SHARES	92,190	92,190	92,190
	Total money market funds		1,248,664	1,248,664	1,248,664
U.S. government and agency obligations:					
	UNITED STATES TREAS BD	UNITED STATES TREAS BD STRIPPED PRIN PMT 3.15% DTD 02/15/12 ZR CPN DUE 02/15/42	1,500,000	769,845	887,205
	UNITED STATES TREAS BD	UNITED STATES TREAS BD STRIPPED PRIN PMT DTD 02/15/12 ZR CPN DUE 02/15/42	11,388,000	5,476,579	6,735,660
	UNITED STATES TREAS NT	UNITED STATES TREAS NT DTD 11/15/19 1.750% DUE 11/15/29 MOODYS: AAA S&P: AA+	35,000	34,579	34,500
	UNITED STATES TREAS BD	UNITED STATES TREAS BD STRIPPED PRIN PMT DTD 02/15/19 ZR CPN DUE 02/15/49	100,000	50,856	49,615
	UNITED STATES TREAS BD	UNITED STATES TREAS BD DTD 08/15/19 2.250% DUE 08/15/49 MOODYS: AAA S&P: AA+	437,000	432,180	425,118
	Total U.S. government and agency obligations		13,460,000	6,764,039	8,132,098
Mutual funds:					
	JANUS BALANCED FUND	JANUS BALANCED FUND CL I	357,227	745,105	13,167,384
	PIMCO INCOME FUND	PIMCO INCOME FUND INSTL CL MOODYS: NOT RATED S&P: NOT RATED	704,471	8,302,663	8,481,834
	DFA TARGETED VALUE PORTFOLIO	DFA EMERGING MARKETS PORTFOLIO	7,126	121,938	165,177
	DFA EMERGING MARKETS PORTFOLIO	DFA EMERGING MARKETS PORTFOLIO	13,328	307,960	389,015
	DIAMOND HILL LONG-SHORT FUND Y	DIAMOND HILL LONG-SHORT FUND Y	15,183	375,816	411,459
	TRANSAMERICA INTERNATIONAL EQUITY I	TRANSAMERICA INTERNATIONAL EQUITY I	35,712	693,875	654,602
	VANGUARD REAL ESTATE INDEX ADMIRAL	VANGUARD REAL ESTATE INDEX ADMIRAL	3,308	268,711	435,278
	VANGUARD FTSE ALL WORLD EX-US INDEX FUND	VANGUARD FTSE ALL WORLD EX-US INDEX FUND	20,175	531,551	673,642
	VANGUARD EXTENDED MARKET INDEX FUND	VANGUARD EXTENDED MARKET INDEX FUND	1,763	91,548	168,583
	VANGUARD TOTAL STOCK MARKET INDEX FUND	VANGUARD TOTAL STOCK MARKET INDEX FUND	33,105	1,140,972	2,638,096
	DODGE & COX INCOME FUND	DODGE & COX INCOME FUND	62,936	869,194	883,000
	VANGUARD TOTAL BOND MARKET INDEX FUND	VANGUARD TOTAL BOND MARKET INDEX FUND	26,279	283,164	290,379
	VANGUARD LONG-TERM INVESTMENT GRADE FUND	VANGUARD LONG-TERM INVESTMENT GRADE FUND	85,267	867,700	933,676
	FRANKLIN SMALL CAP GROWTH FUND	FRANKLIN SMALL CAP GROWTH FUND	7,630	155,430	179,450
	VANGUARD MID CAP INDEX FUND	VANGUARD MID CAP INDEX FUND	1,584	147,840	349,419
	PIMCO DIVERSIFIED INCOME FUND	PIMCO DIVERSIFIED INCOME FUND	26,036	285,316	290,301
	Total mutual funds		14,011,130	15,188,783	30,111,295
Municipal bonds:					
	CALIFORNIA ST	CALIFORNIA ST GO BDS-TAXBL DTD 12/01/10 07.600 DUE 11/01/40	100,000	143,673	165,071
	Total municipal bonds		100,000	143,673	165,071
Corporate bonds:					
	BRITISH AIRWAYS PASS THRU TR	BRITISH AIRWAYS PASS THRU TR 2018-1 PASS THRU CL A 144A DTD 03/26/18 4.125% DUE 03/20/33	220,733	220,548	231,501
	UNITED AIRLIS INC 2019-1A PASS	UNITED AIRLIS INC 2019-1A PASS THRU TR PASSTHRU CTF CL A DTD 02/11/19 4.550% DUE 08/25/31	104,401	105,181	112,878
	JETBLUE AWYS CORP	JETBLUE AWYS CORP 2019-1 1ST LIEN CL AA DTD 11/12/19 2.750% DUE 05/15/32	235,000	235,000	237,960
	DUKE ENERGY PROGRESS LLC	DUKE ENERGY PROGRESS LLC SECURED NT CALL 04/15/46 @100 DTD 09/16/16 3.700% DUE 10/15/46	865,000	800,674	926,190
	BERKSHIRE HATHAWAY ENERGY CO	BERKSHIRE HATHAWAY ENERGY CO SR UNSECD NT CALL 08/01/44 @100 DTD 12/04/14 4.500% DUE 02/01/45	680,000	709,255	801,577
	MICROSOFT CORP	MICROSOFT CORP SR UNSECD NT DTD 11/07/12 3.500% DUE 11/15/42	610,000	575,745	662,021
	GILEAD SCIENCES INC	GILEAD SCIENCES INC SR UNSECD NT DTD 09/14/15 4.750% DUE 03/01/46	485,000	510,083	583,232
	ANHEUSER BUSCH INBEV FIN INC	ANHEUSER BUSCH INBEV FIN INC SR UNSECD NT DTD 01/17/13 4.000% DUE 01/17/43	300,000	248,166	320,847
	JPMORGAN CHASE & CO	JPMORGAN CHASE & CO UNSECD SR NT CALL 02/22/47 @100 DTD 02/22/17 4.260% DUE 02/22/48	320,000	306,458	378,211
	NBCUNIVERSAL MEDIA LLC	NBCUNIVERSAL MEDIA LLC UNSECD SR NT DTD 10/05/12 4.450% DUE 01/15/43	460,000	468,402	536,484
	DIAMOND 1 FIN CORP / DIAMOND 2	DIAMOND 1 FIN CORP / DIAMOND 2 FIN CORP FIRST LIEN NT 144A CALL DTD 06/01/16 8.100% DUE 07/15/36	200,000	199,854	262,988
	ABBVIE INC	ABBVIE INC UNSECD SR NT CALL 11/14/45 @100 DTD 05/12/16 4.450% DUE 05/14/46	915,000	917,518	980,047
	FLORIDA PWR & LT CO	FLORIDA PWR & LT CO 1ST MTG SECD BD C12/01/47 @100 DTD 05/08/18 4.125% DUE 06/01/48	335,000	333,158	392,543
	UNITEDHEALTH GROUP INC	UNITEDHEALTH GROUP INC SR UNSECD NT CALL 09/15/42 @100 DTD 02/28/13 4.250% DUE 03/15/43	430,000	432,795	490,978
	BERKSHIRE HATHAWAY FIN CORP	BERKSHIRE HATHAWAY FIN CORP SR UNSECD NT CALL 07/15/48 @100 DTD 01/11/19 4.250% DUE 01/15/49	505,000	544,984	599,172
	BANK AMER CORP	BANK AMER CORP SR UNSECD MTN CALL 1/23/48 @100 DTD 01/23/18 3.946% DUE 01/23/49	355,000	349,341	403,230
	ANHEUSER-BUSCH INBEV WORLDWIDE	ANHEUSER-BUSCH INBEV WORLDWIDE INC UNSECD SR MTN CALL 10/15/47 DTD 04/04/18 4.600% DUE 04/15/48	675,000	721,246	772,470
	CITIGROUP INC	CITIGROUP INC UNSECD SR NT CALL 06/23/48 @100 DTD 07/23/18 4.650% DUE 07/23/48	195,000	194,906	243,912
	COMCAST CORP NEW UNSECD SR GBL	COMCAST CORP NEW UNSECD SR GBL NT CALL 09/01/47 @100 DTD 02/08/18 4.000% DUE 03/01/48	365,000	357,278	405,212
	POTOMAC ELEC PWR CO	POTOMAC ELEC PWR CO SECD 1ST MTG BD C09/15/42 @100 DTD 03/18/13 4.150% DUE 03/15/43	370,000	371,380	418,170
	VULCAN MATLS CO	VULCAN MATLS CO UNSECD SR NT C9/1/47 @100 DTD 09/01/18 4.700% DUE 03/01/48	235,000	220,837	264,556
	CROWN CASTLE INTL CORP NEW	CROWN CASTLE INTL CORP NEW SR UNSECD NT CALL 08/15/48 @100 DTD 02/11/19 5.200% DUE 02/15/49	200,000	199,788	243,344

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR
Form 5500, Schedule H, Part IV, Line 4i

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2019

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(c) Par Value	(d) Cost	(e) Current Value
	COMMONWEALTH EDISON CO SECD 1ST	COMMONWEALTH EDISON CO SECD 1ST GBL MTG BD CALL 12/15/45 @100 DTD 06/27/16 3.650% DUE 06/15/46	330,000	307,082	350,506
	GENERAL MTRS CO	GENERAL MTRS CO UNSECD SR NT CALL 10/01/35 @100 DTD 02/23/16 6.600% DUE 04/01/36	210,000	205,290	247,863
	NATIONAL RURAL UTILS COOP FIN	NATIONAL RURAL UTILS COOP FIN CORP SR SEC GBL BD DTD 01/31/19 4.300% DUE 03/15/49	220,000	219,248	261,602
	APPLE INC	APPLE INC UNSECD SR GBL NT C5/13/47 @100 DTD 11/13/17 3.750% DUE 11/13/47	600,000	625,212	666,336
	ORACLE CORP	ORACLE CORP SR UNSECD NT CALL 1/15/46 @100 DTD 07/07/16 4.000% DUE 07/15/46	240,000	227,686	267,161
	METLIFE INC	METLIFE INC SR UNSECD NT DTD 11/13/13 4.875% DUE 11/13/43	250,000	270,578	310,018
	PUBLIC SVC ELEC GAS CO SECD	PUBLIC SVC ELEC GAS CO SECD 1ST MTG MTN CALL 06/01/47 @100 DTD 12/06/17 3.600% DUE 12/01/47	225,000	207,016	243,963
	ALTRIA GROUP INC	ALTRIA GROUP INC UNSECD SR NT CALL 08/14/38 @100 DTD 02/14/19 5.800% DUE 02/14/39	200,000	199,530	235,304
	INTERPUBLIC GROUP COS INC	INTERPUBLIC GROUP COS INC SR UNSECD NT CALL 04/01/48 @100 DTD 09/21/18 5.400% DUE 10/01/48	200,000	209,752	245,474
	SOUTHWESTERN ELEC PWR CO UNSECD	SOUTHWESTERN ELEC PWR CO UNSECD SR NT SER J CALL 10/01/44 @100 DTD 03/26/15 3.900% DUE 04/01/45	410,000	394,379	428,938
	ENABLE MIDSTREAM PARTNERS LP	ENABLE MIDSTREAM PARTNERS LP UNSECD SR NT CALL 11/15/43 @100 DTD 11/15/15 5.000% DUE 05/15/44	200,000	149,054	183,586
	JPMORGAN CHASE & CO	JPMORGAN CHASE & CO UNSECD SR GLOBAL NT DTD 01/28/14 4.850% DUE 02/01/44	200,000	221,254	255,730
	SOUTHERN CALIF EDISON CO SECD	SOUTHERN CALIF EDISON CO SECD 1ST & REF MTG BD SER 2018C CALL DTD 03/05/18 4.125% DUE 03/01/48	260,000	243,481	277,813
	NORTHERN STS PWR CO MINN 1ST MT	NORTHERN STS PWR CO MINN 1ST MT SECD BD CALL 11/15/45 @100 DTD 05/31/16 3.600% DUE 05/15/46	260,000	244,210	278,130
	ENERGY TRANSFER PARTNERS L P	ENERGY TRANSFER PARTNERS L P SR UNSECD NT CALL 06/15/45 @100 DTD 06/23/15 6.125% DUE 12/15/45	205,000	204,219	237,745
	EXXON MOBIL CORP	EXXON MOBIL CORP UNSECD SR NT CALL 09/01/45 @100 DTD 03/03/16 4.114% DUE 03/01/46	185,000	186,844	217,199
	FLORIDA PWR & LT CO	FLORIDA PWR & LT CO 1ST MTG SECD BD C04/01/44 @100 DTD 09/10/14 4.050% DUE 10/01/44	245,000	249,261	279,533
	VISA INC	VISA INC SR UNSECD NT CALL 6/14/45 @100 DTD 12/14/15 4.300% DUE 12/14/45	220,000	240,240	270,448
	BANK AMER CORP	BANK AMER CORP SR UNSECD MTN CALL 1/23/48 @100 DTD 01/23/18 3.946% DUE 01/23/49	215,000	215,000	244,210
	ANHEUSER-BUSCH INBEV FIN INC	ANHEUSER-BUSCH INBEV FIN INC SR UNSECD NT CALL 08/01/45 @100 DTD 01/25/16 4.900% DUE 02/01/46	300,000	325,544	354,366
	MOTOROLA SOLUTIONS INC	MOTOROLA SOLUTIONS INC UNSECD SR GLB NT DTD 08/19/14 5.500% DUE 09/01/44	275,000	278,237	306,743
	FISERV INC	FISERV INC UNSECD SR NT CALL 1/1/49 @100 DTD 06/24/19 4.400% DUE 07/01/49	200,000	198,776	227,056
	WELLS FARGO & CO NEW	WELLS FARGO & CO NEW SUB MEDIUM TERM SR NT DTD 11/04/14 4.650% DUE 11/04/44	205,000	213,069	241,119
	SYNCHRONY FINL	SYNCHRONY FINL UNSECD SR PIDI NT C12/19/28 @100 DTD 03/19/19 5.150% DUE 03/19/29	200,000	199,568	227,578
	APPLE INC	APPLE INC SR UNSECD NT DTD 05/03/13 3.850% DUE 05/04/43	165,000	157,216	184,986
	AMGEN INC	AMGEN INC UNSECD SR NT CALL 11/01/44 @100 DTD 05/01/15 4.400% DUE 05/01/45	635,000	684,317	711,549
	PRUDENTIAL FINL INC	PRUDENTIAL FINL INC SR UNSECD MTN CALL 09/27/47 @100 DTD 03/27/18 4.418% DUE 03/27/48	125,000	118,423	145,415
	AMERADA HESS CORP	AMERADA HESS CORP SR UNSECD NT DTD 03/05/02 7.125% DUE 03/15/33	300,000	353,839	379,452
	ONCOR ELEC DELIVERY CO LLC	ONCOR ELEC DELIVERY CO LLC 1ST LIEN SR SECD NT C6/1/41 @100 DTD 06/01/12 4.550% DUE 12/01/41	180,000	191,162	215,678
	GOLDMAN SACHS GROUP INC	GOLDMAN SACHS GROUP INC SR UNSECD MTN CALL 04/21/45 @100 DTD 10/21/15 4.750% DUE 10/21/45	200,000	220,485	244,164
	WASTE MGMT INC DEL	WASTE MGMT INC DEL UNSECD SR NT C1/15/49 @100 DTD 05/22/19 4.150% DUE 07/15/49	155,000	154,802	177,357
	CONSOLIDATED EDISON CO NY INC	CONSOLIDATED EDISON CO NY INC UNSECD SR NT CALL 06/01/45 @100 DTD 11/17/15 4.500% DUE 12/01/45	195,000	206,959	229,482
	PACIFIC LIFE INS CO	PACIFIC LIFE INS CO SUB PIDI BD 144A C10/24/47 @100 DTD 10/01/17 4.300% DUE 10/24/67	200,000	191,201	213,500
	PFIZER INC	PFIZER INC SR UNSECD NT DTD 05/15/14 4.400% DUE 05/15/44	150,000	157,917	179,145
	BERKSHIRE HATHAWAY FIN CORP	BERKSHIRE HATHAWAY FIN CORP SR UNSECD NT CALL 07/15/48 @100 DTD 01/11/19 4.250% DUE 01/15/49	105,000	103,927	124,580
	JPMORGAN CHASE & CO	JPMORGAN CHASE & CO SR UNSECD BD CALL 11/15/47 @100 DTD 11/10/17 3.964% DUE 11/15/48	150,000	150,000	169,967
	TARGET CORP	TARGET CORP SR UNSECD NT DTD 04/11/16 3.625% DUE 04/15/46	115,000	106,341	125,811
	JOHNSON & JOHNSON	JOHNSON & JOHNSON UNSECD SR NT CALL 9/1/45 @100 DTD 03/01/16 3.700% DUE 03/01/46	125,000	121,940	141,299
	CITY OF HOPE	CITY OF HOPE UNSECD SR NT CALL 02/15/48 @100 DTD 05/16/18 4.378% DUE 08/15/48	120,000	120,000	138,968
	WAL-MART STORES INC	WAL-MART STORES INC SR UNSECD NT CALL 10/22/43 @100 DTD 04/22/14 4.300% DUE 04/22/44	470,000	539,729	558,675
	INTEL CORP	INTEL CORP SR UNSECD NT DTD 09/19/11 4.800% DUE 10/01/41	115,000	125,263	143,904
	AT&T INC	AT&T INC SR UNSECD NT CALL 12/15/44 @100 DTD 06/15/13 4.350% DUE 06/15/45	255,000	257,478	275,301
	KINDER MORGAN ENERGY PARTNERS L	KINDER MORGAN ENERGY PARTNERS L UNSECD SR NT DTD 01/30/07 6.500% DUE 02/01/37	195,000	225,794	243,235
	MERCK & CO INC NEW	MERCK & CO INC NEW SR UNSECD NT CALL 8/10/44 @100 DTD 02/10/15 3.700% DUE 02/10/45	140,000	138,061	154,879
	CVS HEALTH CORP	CVS HEALTH CORP UNSECD SR NT CALL 09/25/37 @100 DTD 03/09/18 4.780% DUE 03/25/38	110,000	108,472	125,056
	TRI-STATE GENERATION & TRANSMN	TRI-STATE GENERATION & TRANSMN ASSN INC SECD 1ST MTG BD SER DTD 05/01/15 4.700% DUE 11/01/44	220,000	236,404	251,830
	UNION PAC CORP	UNION PAC CORP UNSECD SR GBL NT C2/15/46 @100 DTD 08/08/16 3.350% DUE 08/15/46	195,000	174,636	189,569
	HOME DEPOT INC	HOME DEPOT INC UNSECD SR NT CALL 10/1/45 @100 DTD 06/02/15 4.250% DUE 04/01/46	105,000	108,925	123,821
	ALLSTATE CORP	ALLSTATE CORP UNSECD SR NT CALL 06/15/46 @100 DTD 12/08/16 4.200% DUE 12/15/46	90,000	89,618	103,724
	NOVARTIS CAP CORP	NOVARTIS CAP CORP SR UNSECD NT DTD 09/21/12 3.700% DUE 09/21/42	75,000	68,894	82,982
	CONSOLIDATED EDISON CO N Y INC	CONSOLIDATED EDISON CO N Y INC UNSECD SR GBL DEB SER E C6/1/48 DTD 11/30/18 4.650% DUE 12/01/48	125,000	138,248	152,156
	BRISTOL MYERS SQUIBB CO	BRISTOL MYERS SQUIBB CO SR UNSECD NT CALL 09/01/43 @100 DTD 10/31/13 4.500% DUE 03/01/44	135,000	148,935	162,572
	AMERICAN WTR CAP CORP	AMERICAN WTR CAP CORP UNSECD SR NT CALL 03/01/47 @100 DTD 08/10/17 3.750% DUE 09/01/47	130,000	124,708	137,673
	COMCAST CORP NEW	COMCAST CORP NEW UNSECD SR NT CALL 2/15/47 @100 DTD 08/07/17 4.000% DUE 08/15/47	230,000	241,052	253,612
	ABBVIE INC UNSECD SR	ABBVIE INC UNSECD SR GBL NT 144A C05/21/39 @100 DTD 11/21/19 4.050% DUE 11/21/39	230,000	229,248	241,744
	CAPITAL ONE FINL CORP	CAPITAL ONE FINL CORP SR UNSECD PIDI NT C12/31/27 @100 DTD 01/30/18 3.800% DUE 01/31/28	135,000	133,418	145,182
	BURLINGTON NORTHN SANTA FE LLC	BURLINGTON NORTHN SANTA FE LLC SR UNSECD NT CALL 10/1/44 @100 DTD 03/09/15 4.150% DUE 04/01/45	90,000	90,617	102,186
	PHILIP MORRIS INTL INC	PHILIP MORRIS INTL INC SR UNSECD NT DTD 11/10/14 4.250% DUE 11/10/44	135,000	137,960	149,272
	TIMTARNER CABLE INC	TIMTARNER CABLE INC DTD 04/09/07 6.550% DUE 05/01/37 MOODYS: BA1 S&P: BBB-	210,000	246,355	257,615
	WELLPOINT INC	WELLPOINT INC UNSECD SR NT DTD 09/10/12 4.650% DUE 01/15/43	100,000	102,024	112,830
	QUALCOMM INC	QUALCOMM INC SR UNSECD NT CALL 11/20/44 @100 DTD 05/20/15 4.800% DUE 05/20/45	45,000	44,759	55,138
	UNITED TECHNOLOGIES CORP	UNITED TECHNOLOGIES CORP SR UNSECD BD DTD 06/01/12 4.500% DUE 06/01/42	185,000	211,819	221,800
	AXA EQUITABLE HLDGS INC	AXA EQUITABLE HLDGS INC UNSECD SR NT CALL 10/20/47 @100 DTD 10/20/18 5.000% DUE 04/20/48	125,000	124,634	134,539
	AETNA INC NEW	AETNA INC NEW UNSECD SR GBL NT C02/15/47 @100 DTD 08/10/17 3.875% DUE 08/15/47	70,000	61,308	71,205
	PACKAGING CORP AMER	PACKAGING CORP AMER UNSECD SR NT CALL 06/15/49 @100 DTD 11/21/19 4.050% DUE 12/15/49	200,000	198,240	207,924
	PROGRESSIVE CORP OH	PROGRESSIVE CORP OH SR UNSECD NT DTD 04/25/14 4.350% DUE 04/25/44	100,000	107,721	117,046
	LIFE STORAGE LP	LIFE STORAGE LP UNSECD SR NT CALL 3/15/29 @100 DTD 06/03/19 4.000% DUE 06/15/29	115,000	114,397	123,160
	DISNEY WALT CO NEW	DISNEY WALT CO NEW SR UNSECD MTN DTD 07/12/16 3.000% DUE 07/30/16	190,000	179,475	187,939
	BOARDWALK PIPELINES LP	BOARDWALK PIPELINES LP UNSECD SR NT C2/3/29 @100 DTD 05/03/19 4.800% DUE 05/03/29	115,000	114,900	123,277
	NYU HOSPS CTR	NYU HOSPS CTR SECD TAXABLE BD SER 2012A DTD 08/07/12 4.428% DUE 07/01/42	80,000	81,946	90,162
	COMCAST CORP NEW	COMCAST CORP NEW UNSECD SR NT CALL 01/15/46 @100 DTD 07/19/16 3.400% DUE 07/15/46	140,000	134,072	142,096
	PUBLIC SVC CO COLO SECD 1ST MTG	PUBLIC SVC CO COLO SECD 1ST MTG BD SER NO 32 C12/15/47 @100 DTD 06/21/18 4.100% DUE 06/15/48	205,000	228,374	235,865
	BURLINGTON NORTHN SANTA FE LLC	BURLINGTON NORTHN SANTA FE LLC SR UNSECD DEB CALL 03/01/42 @100 DTD 08/23/12 4.375% DUE 09/01/42	55,000	56,521	63,936
	ABBVIE INC	ABBVIE INC UNSECD SR NT DTD 05/06/13 4.400% DUE 11/06/42	85,000	83,961	91,361
	NRG ENERGY INC	NRG ENERGY INC 1ST LIEN NT 144A C3/15/29 @100 DTD 05/28/19 4.450% DUE 06/15/29	150,000	149,804	157,140
	PLAINS ALL AMERN PIPELINE L P /	PLAINS ALL AMERN PIPELINE L P / PAA FIN CORP SR NT DTD 07/15/07 6.650% DUE 01/15/37	215,000	246,747	254,083
	NYU HOSPS CTR	NYU HOSPS CTR UNSECD TAXABLE BD SER 2014A DTD 11/25/14 4.784% DUE 07/01/44	40,000	40,000	47,334
	PPL CAP FDG INC	PPL CAP FDG INC UNSECD SR NT CALL 03/15/47 @100 DTD 09/08/17 4.000% DUE 09/15/47	200,000	197,584	204,816
	CATERPILLAR INC	CATERPILLAR INC SR UNSECD NT CALL 11/15/43 @100 DTD 05/08/14 4.300% DUE 05/15/44	60,000	63,731	70,918
	ACE INA HLDGS INC	ACE INA HLDGS INC SR UNSECD NT CALL 5/3/45 @100 DTD 11/03/15 4.350% DUE 11/03/45	75,000	84,035	90,896
	NEW YORK LIFE INS CO	NEW YORK LIFE INS CO SUB SURPLUS NT 144A DTD 10/08/09 6.750% DUE 11/15/39	50,000	66,700	73,327
	OCCIDENTAL PETE CORP	OCCIDENTAL PETE CORP UNSECD SR NT C2/15/39 @100 DTD 08/08/19 4.300% DUE 08/15/39	250,000	248,703	254,925
	WALMART INC	WALMART INC SR UNSECD NT CALL 12/29/47 @100 DTD 06/27/18 4.050% DUE 06/29/48	125,000	142,093	148,168
	CONNECTICUT LT & PWR CO	CONNECTICUT LT & PWR CO SECD NT CALL 10/01/47 @100 DTD 03/28/18 4.000% DUE 04/01/48	150,000	166,299	172,271
	DUKE ENERGY PROGRESS INC	DUKE ENERGY PROGRESS INC SECD 1ST MTG BD C2/15/45 @100 DTD 08/13/15 4.200% DUE 08/15/45	150,000	165,195	170,858
	ING U S INC	ING U S INC UNSECD GTD SR NT DTD 07/26/13 5.700% DUE 07/15/43	60,000	69,528	75,158
	AT&T INC	AT&T INC SR UNSECD NT CALL 11/15/34 @100 DTD 05/04/15 4.500% DUE 05/15/35	400,000	440,420	445,732
	CAMERON LNG LLC	CAMERON LNG LLC SECD SR NT 144A C07/15/38 @100 DTD 12/13/19 3.701% DUE 01/15/39	240,000	240,000	245,242
	WASTE MGMT INC DEL	WASTE MGMT INC DEL SR UNSECD NT CALL 09/01/44 @100 DTD 02/26/15 4.100% DUE 03/01/45	40,000	39,918	44,960
	BRISTOL MYERS SQUIBB CO	BRISTOL MYERS SQUIBB CO UNSECD SR NT DTD 07/31/12 3.250% DUE 08/01/42	125,000	120,005	124,908
	FMC CORP	FMC CORP UNSECD SR GBL NT C7/1/29 @100 DTD 09/20/19 3.450% DUE 10/01/29	140,000	139,999	144,757
	FISERV INC	FISERV INC UNSECD SR NT CALL 1/1/49 @100 DTD 06/24/19 4.400% DUE 07/01/49	65,000	69,353	73,793
	BOEING CO	BOEING CO UNSECD SR NT CALL 11/1/34 @100 DTD 07/31/19 3.250% DUE 02/01/35	175,000	174,725	179,106

SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR
Form 5500, Schedule H, Part IV, Line 4i

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2019

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(c) Par Value	(d) Cost	(e) Current Value
	FEDERAL RLTY INVT TR	FEDERAL RLTY INVT TR SR UNSECD NT CALL 06/01/44 @100 DTD 11/14/14 4.500% DUE 12/01/44	145,000	163,122	167,405
	ASHTED CAP INC 2ND LIEN	ASHTED CAP INC 2ND LIEN SR SEC NT 144A C11/1/24 @102.125 DTD 11/04/19 4.250% DUE 11/01/29	200,000	200,000	204,250
	UNION PAC CORP	UNION PAC CORP SR UNSECD NT CALL 05/15/45 @100 DTD 10/29/15 4.050% DUE 11/15/45	200,000	213,470	217,714
	LOCKHEED MARTIN CORP	LOCKHEED MARTIN CORP SR UNSECD NT SER B DTD 12/14/12 4.070% DUE 12/15/42	105,000	115,775	119,909
	SAN DIEGO GAS & ELEC CO	SAN DIEGO GAS & ELEC CO SECD 1ST MTG BD SER III DTD 08/26/10 4.500% DUE 08/15/40	115,000	125,688	129,818
	WISCONSIN ELEC PWR CO UNSECD	WISCONSIN ELEC PWR CO UNSECD SR GBL DEB C6/15/42 @100 DTD 12/11/12 3.650% DUE 12/15/42	75,000	72,099	76,171
	UNION PAC CORP	UNION PAC CORP UNSECD SR NT CALL 09/01/48 @100 DTD 02/19/19 4.300% DUE 03/01/49	75,000	82,823	86,667
	BOEING CO	BOEING CO S R UNSECD NT D TD 07/28/09 5.875% DUE 02/15/40	55,000	69,221	73,035
	AMEREN ILL CO	AMEREN ILL CO SR SECD NT C09/15/45 @100.00 DTD 12/14/15 4.150% DUE 03/15/46	110,000	122,914	126,632
	MEDTRONIC INC	MEDTRONIC INC SR UNSECD NT DTD 03/15/15 4.625% DUE 03/15/45	20,000	21,563	25,191
	ATMOS ENERGY CORP	ATMOS ENERGY CORP UNSECD SR NT CALL 09/15/48 @100 DTD 03/04/19 4.125% DUE 03/15/49	90,000	99,823	103,434
	INTERNATIONAL BUSINESS MACHS	INTERNATIONAL BUSINESS MACHS CORP UNSECD SR NT DTD 05/15/19 4.250% DUE 05/15/49	145,000	162,652	165,947
	BAKER HUGHES A GE CO LLC/BAKER	BAKER HUGHES A GE CO LLC/BAKER HUGHES CO-OBLIGOR INC UNSECD SR DTD 11/07/19 3.138% DUE 11/07/29	100,000	100,000	102,970
	INTERNATIONAL PAPER CO UNSECD	INTERNATIONAL PAPER CO UNSECD SR GLOBAL NT CALL 02/15/47 @100 DTD 08/11/16 4.400% DUE 08/15/47	60,000	61,535	64,263
	LINCOLN NATL CORP IND	LINCOLN NATL CORP IND SR NT DTD 06/18/10 7.000% DUE 06/15/40	40,000	54,356	56,919
	AT&T INC SR UNSECD GBL NT	AT&T INC SR UNSECD GBL NT CALL 12/15/43 @100 DTD 06/10/14 4.800% DUE 06/15/44	80,000	88,827	91,280
	3M CO	3M CO UNSECD SR MTN CALL 04/15/47 @100 DTD 10/02/17 3.625% DUE 10/15/47	60,000	60,502	62,350
	LEVEL 3 FING INC	LEVEL 3 FING INC SECD NT 144A CALL 08/15/29 @100 DTD 11/29/19 3.875% DUE 11/15/29	200,000	199,970	201,500
	ONE GAS INC	ONE GAS INC UNSECD SR NT C5/1/48 @100 DTD 11/05/18 4.500% DUE 11/01/48	80,000	93,698	95,099
	PARKER-HANNIFIN CORP	PARKER-HANNIFIN CORP UNSECD SR NT C9/1/46 @100 DTD 09/01/17 4.100% DUE 03/01/47	95,000	102,268	103,660
	GENERAL ELEC CO	GENERAL ELEC CO SR UNSECD NT DTD 10/09/12 4.125% DUE 10/09/42	45,000	45,126	46,424
	CYRUSONE LP / CYRUSONE FIN CORP	CYRUSONE LP / CYRUSONE FIN CORP UNSECD SR NT CALL 08/15/29 @100 DTD 12/05/19 3.450% DUE 11/15/29	200,000	199,418	200,548
	OHIO PWR CO	OHIO PWR CO UNSECD SR GBL NT C10/01/47 @100 DTD 03/22/18 4.150% DUE 04/01/48	60,000	66,724	67,799
	OCCIDENTAL PETE CORP SR UNSECD	OCCIDENTAL PETE CORP SR UNSECD MTN CALL 08/15/46 @100 DTD 11/07/16 4.100% DUE 02/15/47	75,000	71,938	72,927
	CSX CORP	CSX CORP UNSECD SR NT CALL 03/15/49 @100 DTD 09/12/19 3.350% DUE 09/15/49	50,000	48,388	49,318
	SIMON PPTY GROUP L P	SIMON PPTY GROUP L P UNSECD SR PIDL NT C3/13/49 @100 DTD 09/13/19 3.250% DUE 09/13/49	50,000	47,753	48,652
	COMCAST CORP NEW	COMCAST CORP NEW SR UNSECD NT C5/1/47 @100 DTD 10/19/17 3.969% DUE 11/01/47	40,000	43,574	44,069
	BLACK HILLS CORP	BLACK HILLS CORP UNSECD SR GBL NT C4/15/49 @100 DTD 10/03/19 3.875% DUE 10/15/49	200,000	199,610	199,870
	ANHEUSER-BUSCH COS LLC ANHEUSER	ANHEUSER-BUSCH COS LLC ANHEUSER BUSCH INBEV WORLDWIDE UNSECD SR DTD 02/01/19 4.900% DUE 02/01/46	15,000	17,804	17,792
	CSX CORP	CSX CORP UNSECD SR GBL NT DTD 10/18/16 3.800% DUE 11/01/46	10,000	10,604	10,475
	CAMPBELL SOUP CO	CAMPBELL SOUP CO SR UNSECD NT CALL 02/02/13 @101 DTD 08/02/12 3.800% DUE 08/02/42	20,000	19,760	19,618
	MCDONALDS CORP	MCDONALDS CORP UNSECD SR MTN C03/01/49 @100 DTD 08/12/19 3.625% DUE 09/01/49	100,000	102,168	101,722
	GILEAD SCIENCES INC	GILEAD SCIENCES INC SR UNSECD NT DTD 11/17/14 4.500% DUE 02/01/45	120,000	140,023	139,500
	WALMART INC	WALMART INC UNSECD SR NT CALL 3/24/49 @100 DTD 09/24/19 2.950% DUE 09/24/49	50,000	50,622	49,817
	CONSUMERS ENERGY CO	CONSUMERS ENERGY CO SECD 1ST MTG BD C02/15/46 @100 DTD 08/10/16 3.250% DUE 08/15/46	40,000	41,301	40,222
	BOEING CO	BOEING CO UNSECD SR NT CALL 12/15/45 @100 DTD 05/18/16 3.375% DUE 06/15/46	40,000	40,263	39,093
	WAL-MART STORES INC	WAL-MART STORES INC UNSECD SR NT CALL 06/15/47 @100 DTD 10/20/17 3.625% DUE 12/15/47	80,000	90,316	89,044
	PUBLIC SVC CO N H SECD	PUBLIC SVC CO N H SECD 1ST MTGE GBL-T BD C1/1/49 @100 DTD 06/28/19 3.600% DUE 07/01/49	80,000	87,086	85,505
	KILROY RLTY L P	KILROY RLTY L P UNSECD SR NT C11/15/29 @100 DTD 09/17/19 3.050% DUE 02/15/30	150,000	149,817	147,945
	NORTHWELL HEALTHCARE INC	NORTHWELL HEALTHCARE INC SECD NT CALL 11/01/48 @100 DTD 09/26/19 3.809% DUE 11/01/49	200,000	203,254	201,352
	PEPSICO INC UNSECD SR	PEPSICO INC UNSECD SR GBL NT CALL 04/06/46 @100 DTD 10/06/16 3.450% DUE 10/06/46	140,000	150,536	148,623
	GLOBAL ATLANTIC FIN CO	GLOBAL ATLANTIC FIN CO UNSECD SR NT 144A C7/15/29 @100 DTD 10/07/19 4.400% DUE 10/15/29	240,000	239,588	236,950
	AMERICAN HOMES 4 RENT L P	AMERICAN HOMES 4 RENT L P UNSECD SR NT CALL 11/15/27 @100 DTD 02/07/18 4.250% DUE 02/15/28	135,000	146,749	143,810
	ZIONS BANCORPORATION NATL ASSN	ZIONS BANCORPORATION NATL ASSN SUB GBL BK NT C07/29/29 @100 DTD 10/29/19 3.250% DUE 10/29/29	250,000	249,218	245,503
	EQT CORP UNSECD	EQT CORP UNSECD SR GBL NT CALL 07/01/27 @100 DTD 10/04/17 3.900% DUE 10/01/27	65,000	64,947	60,476
	BUCKEYE PARTNERS LP	BUCKEYE PARTNERS LP UNSECD SR NT CALL 05/15/43 @100 DTD 11/14/13 5.850% DUE 11/15/43	180,000	168,523	162,346
	BRIGHTHOUSE FINL INC	BRIGHTHOUSE FINL INC UNSECD SR NT C12/22/46 @100 DTD 12/22/17 4.700% DUE 06/22/47	165,000	159,503	152,891
	EQT MIDSTREAM PARTNERS L P	EQT MIDSTREAM PARTNERS L P UNSECD SR NT CALL 01/15/48 @100 DTD 06/25/18 6.500% DUE 07/15/48	150,000	148,583	140,685
	Total corporate bonds		30,945,134	31,581,763	34,556,145
	Foreign bonds:				
	POLEN GROWTH FUND	POLEN GROWTH FUND INSTL CL CUSIP NO:360873657	358,543	2,000,444	12,509,571
	TELEFONICA EMISIONES S A U	TELEFONICA EMISIONES S A U UNSECD SR GBL NT SPAIN DTD 03/08/17 5.213% DUE 03/08/47	250,000	250,000	296,728
	SHELL INTL FIN B V	SHELL INTL FIN B V SR UNSECD NT NETHERLANDS DTD 08/12/13 4.550% DUE 08/12/43	195,000	201,137	237,808
	GE CAP INTL FDG CO	GE CAP INTL FDG CO SR UNSECD MTN IRELAND DTD 05/15/16 4.418% DUE 11/15/35	200,000	181,482	213,946
	ENBRIDGE INC	ENBRIDGE INC SUB GLBL NT CANADA C3/1/28 @100 DTD 03/01/18 6.250% DUE 03/01/78	230,000	230,000	249,456
	SHELL INTL FIN B V	SHELL INTL FIN B V SR UNSECD GTD NT NETHERLANDS DTD 08/21/12 3.625% DUE 08/21/42	150,000	142,040	160,470
	KINROSS GOLD CORP UNSECD SR	KINROSS GOLD CORP UNSECD SR NT CALL 04/15/27 @100 CANADA DTD 01/15/18 4.500% DUE 07/15/27	150,000	141,374	157,125
	COOPERATIVE CENTRALE RAIFFEISE	COOPERATIVE CENTRALE RAIFFEISE -BOERENLEENBANK BA BK GTD MTN NL DTD 05/24/11 5.250% DUE 05/24/41	60,000	66,518	82,020
	AVOLON HLDGS FDG LTD	AVOLON HLDGS FDG LTD UNSECD SR NT 144A CAYMAN ISLANDS DTD 04/16/19 4.375% DUE 05/01/26	250,000	248,813	264,075
	BANK MONTREAL QUE	BANK MONTREAL QUE SUB NT C12/15/27 @100 CANADA DTD 12/12/17 3.803% DUE 12/15/32	225,000	222,099	234,664
	AON PLC SR UNSECD NT	AON PLC SR UNSECD NT C03/14/44 @100 UNITED KINGDOM DTD 05/28/14 4.600% DUE 06/14/44	115,000	127,292	133,306
	AERCAP IRELAND CAP DESIGNATED	AERCAP IRELAND CAP DESIGNATED ACTIVITY CO/AERCAP GBL UNSECD IE DTD 01/23/18 3.875% DUE 01/23/28	150,000	154,886	155,795
	AGRIUM INC SR SECD DEB	AGRIUM INC SR SECD DEB CALL 7/15/40 @100 CANADA DTD 12/20/10 6.125% DUE 01/15/41	40,000	47,159	47,067
	PERRIGO FINANCE PLC SR UNSECD N	PERRIGO FINANCE PLC SR UNSECD N CALL 6/15/44 @100 IRELAND DTD 12/02/14 4.900% DUE 12/15/44	250,000	256,123	231,170
	ALGER SMALL CAP FOCUS FUND	ALGER SMALL CAP FOCUS FUND CL I CUSIP NO: 015565435	303,313	6,500,000	6,409,006
	Total foreign bonds		2,926,856	10,769,367	21,382,207
	Total Investments		\$ 50,081,784	\$ 65,696,289	\$ 95,595,480

* Party-in-interest to the Plan.

SCHEDULE OF REPORTABLE TRANSACTIONS
Form 5500, Schedule H, Part IV, Line 4j

Covia Holdings Corporation Pension Plan

EIN 13-2656671
Plan Number 003

December 31, 2019

(a) Identity of Party Involved	(b) Description of Asset	(c) Purchase Price	(d) Selling Price	(e) Lease Rental	(f) Expense Incurred with Transaction	(g) Cost of Asset	(h) Current Value of Asset on Transaction Date	(i) Net Gain (Loss)
Category (i) - Single transactions in excess of 5% of plan assets								
	Alger Small Cap Focus Fund Class I	\$ 6,500,000	\$ -	\$ -	\$ -	\$ 6,500,000	\$ 6,500,000	\$ -
	Polen Growth Fund Institutional Class	\$ 12,000,000	\$ -	\$ -	\$ -	\$ 12,000,000	\$ 12,000,000	\$ -
	Miller Conv Bond Fund Class I	\$ -	\$ 6,545,643	\$ -	\$ -	\$ 6,644,394	\$ 6,030,948	\$ 514,695
	Federated US Treasury Cash Reserves	\$ 7,762,410	\$ -	\$ -	\$ -	\$ 7,762,410	\$ 7,762,410	\$ -
	Federated US Treasury Cash Reserves	\$ 6,545,643	\$ -	\$ -	\$ -	\$ 6,545,643	\$ 6,545,643	\$ -
	Federated US Treasury Cash Reserves	\$ -	\$ 7,875,362	\$ -	\$ -	\$ 7,875,362	\$ 7,875,362	\$ -
	Federated US Treasury Cash Reserves	\$ -	\$ 6,750,263	\$ -	\$ -	\$ 6,750,263	\$ 6,750,263	\$ -
	Federated US Treasury Cash Reserves	\$ -	\$ 6,500,000	\$ -	\$ -	\$ 6,500,000	\$ 6,500,000	\$ -
	Bank of America Temporary Overnight Deposit	\$ 4,700,000	\$ -	\$ -	\$ -	\$ 4,700,000	\$ 4,700,000	\$ -
	Bank of America Temporary Overnight Deposit	\$ -	\$ 4,700,000	\$ -	\$ -	\$ 4,700,000	\$ 4,700,000	\$ -
	Bank of America Temporary Overnight Deposit	\$ 5,249,737	\$ -	\$ -	\$ -	\$ 5,249,737	\$ 5,249,737	\$ -
	Bank of America Temporary Overnight Deposit	\$ -	\$ 5,249,737	\$ -	\$ -	\$ 5,249,737	\$ 5,249,737	\$ -
Category (iii) - Series of transactions of the same issue in excess of 5% of plan assets								
	Alger Small Cap Focus Fund Class I	\$ 6,500,000	\$ -	\$ -	\$ -	\$ 6,500,000	\$ 6,500,000	\$ -
	Polen Growth Fund Institutional Class	\$ 12,000,000	\$ -	\$ -	\$ -	\$ 12,000,000	\$ 12,000,000	\$ -
	Miller Conv Bond Fund Class I	\$ -	\$ 8,765,523	\$ -	\$ -	\$ 8,968,090	\$ 8,140,108	\$ 625,415
	Federated Gov't Bond Obligations Fund Premier	\$ 27,016,815	\$ -	\$ -	\$ -	\$ 27,016,815	\$ 27,016,815	\$ -
	Federated Gov't Bond Obligations Fund Premier	\$ -	\$ 28,508,690	\$ -	\$ -	\$ 28,508,690	\$ 28,508,690	\$ -
	Federated US Treasury Cash Reserves	\$ 29,667,294	\$ -	\$ -	\$ -	\$ 29,667,294	\$ 29,667,294	\$ -
	Federated US Treasury Cash Reserves	\$ -	\$ 30,113,956	\$ -	\$ -	\$ 30,113,956	\$ 30,113,956	\$ -
	Catalyst Hedged Futures Strategy Fund Class I	\$ -	\$ 6,584,681	\$ -	\$ -	\$ 8,858,701	\$ 6,593,611	\$ (8,930)
	United States Treasury 8/15/18, 3.000%, 8/15/48	\$ 2,988,439	\$ -	\$ -	\$ -	\$ 2,988,439	\$ 2,988,439	\$ -
	United States Treasury 8/15/18, 3.000%, 8/15/48	\$ -	\$ 2,997,755	\$ -	\$ -	\$ 2,988,440	\$ 2,988,440	\$ 9,315
	United States Treasury 11/15/18, 3.375%, 11/15/48	\$ 4,278,611	\$ -	\$ -	\$ -	\$ 4,278,611	\$ 4,278,611	\$ -
	United States Treasury 11/15/18, 3.375%, 11/15/48	\$ -	\$ 4,278,947	\$ -	\$ -	\$ 4,278,612	\$ 4,278,612	\$ 335
	United States Treasury 2/15/19, 3.000%, 2/15/49	\$ 2,351,511	\$ -	\$ -	\$ -	\$ 2,351,511	\$ 2,351,511	\$ -
	United States Treasury 2/15/19, 3.000%, 2/15/49	\$ -	\$ 2,592,768	\$ -	\$ -	\$ 2,351,511	\$ 2,351,511	\$ 241,257
	United States Treasury 5/15/19, 2.875%, 5/15/49	\$ 2,379,460	\$ -	\$ -	\$ -	\$ 2,379,460	\$ 2,379,460	\$ -
	United States Treasury 5/15/19, 2.875%, 5/15/49	\$ -	\$ 2,294,600	\$ -	\$ -	\$ 2,379,460	\$ 2,379,460	\$ (84,860)
	Bank of America Temporary Overnight Deposit	\$ 27,052,733	\$ -	\$ -	\$ -	\$ 27,052,733	\$ 27,052,733	\$ -
	Bank of America Temporary Overnight Deposit	\$ -	\$ 27,052,733	\$ -	\$ -	\$ 27,052,733	\$ 27,052,733	\$ -

Covia Holdings Corporation Pension Plan

EIN / PN: 13-2656671/003

Schedule SB, Line 26 – Schedule of Active Participant Data

Distribution of Active Participants as of January 1, 2019 – Age by Benefit Service

Age	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 & up
Under 25	0	0	0	0	0	0	0	0	0	0
25 - 29	0	6	3	0	0	0	0	0	0	0
30 - 34	0	12	11	3	0	0	0	0	0	0
35 - 39	0	5	3	20	6	0	0	0	0	0
40 - 44	1	3	4	17	12	1	0	0	0	0
45 - 49	2	6	19	12	18	9	3	0	0	0
50 - 54	0	4	5	15	12	16	14	7	0	0
55 - 59	1	5	7	13	21	20	13	19	8	7
60 - 64	2	1	2	7	12	9	9	20	13	9
65 - 69	0	1	0	3	4	1	4	1	3	1
70 & up	0	0	0	1	0	1	1	1	0	0
Total	6	43	54	91	85	57	44	48	24	17

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods

Prescribed Funding/PBGC Assumptions and Methods

The following assumptions and methods are prescribed by ERISA.

Funding interest rates

Current Year:	IRS spot rate yield curve as of December 2018.	
Effective Interest Rate		4.50%
Prior Year:	IRS spot rate yield curve as of December 2017.	
Effective Interest Rate		3.84%

PBGC variable premium

Current Year:	IRS spot rate yield curve as of December 2018.
Prior Year:	IRS spot rate yield curve as of December 2017.

The effective rates for PBGC premium purposes are 4.51% for 2019 and 3.84% for 2018.

Mortality

Mortality tables mandated by current legislation as specified in IRS Regulation 1.430(h)(3)-1, as amended in IRS Notice 2018-02, applied on a static basis.

Mortality for purposes of calculating lump sums

2019 IRS 417(e) Applicable Mortality table.

Actuarial cost method

The Funding Target is the present value of accrued benefits and based on compensation and service to date. The Target Normal Cost is the present value of benefits expected to be accrued during the current plan year, reflecting the effect of expected compensation increases during the year and including expected plan related expenses to be paid from plan assets during the year.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Non-Prescribed Funding Assumptions and Methods

The following assumptions were selected by the plan's enrolled actuary. The asset valuation method was selected by the plan sponsor with the actuary's advice and is an acceptable method under PPA 2006.

The retirement, disability and withdrawal rate assumptions are based on the plan sponsor's anticipated experience. Actual experience is reviewed each year and compared to the assumption. Changes are then made, as appropriate, based on this review.

Expenses

Expected plan related expenses equal actual expenses paid for prior plan year. Expected plan related expenses of \$618,006 were added to the Target Normal Cost.

Salary increase assumption

The salary increase assumption is based on prior and anticipated compensation practice of the plan sponsor.

Age	Rates
25	7.30%
30	6.40%
35	6.30%
40	6.00%
45	6.00%
50	5.40%
55	4.10%
60	2.50%

Social Security

Annual increase in maximum wage base: 4.00%

Frequency of Optional Forms

66.67% of all future retirees and future disabilities are assumed to take a lump sum form of payment. Married participants who did not take lump sums are assumed to take a Joint and Survivor 50% or 100% option with equal probability. For unmarried participants, election of the normal form of payment is assumed.

100% of all future retirees are assumed to take a lump sum form of payment for non-union employees who attain age 65 and completed 35 years of service.

Marital percentage

80% of male participants and 60% of female participants are assumed to be married at death. Husbands are assumed to be 3 years older than their wives.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Non-Prescribed Funding Assumptions and Methods (continued)

Retirement rates

Age	Hourly	Salaried
60	0%	10%
61	0%	10%
62	20%	20%
63	5%	5%
64	5%	5%
65+	100%	100%

Terminated vested participants are assumed to retire at age 65.

Disability rates

Age	Male	Female
25	0.03%	0.08%
35	0.08%	0.09%
45	0.30%	0.16%
55	0.78%	0.58%

Withdrawal rates for active participants not eligible for retirement

Year of Employment	Age-Related Rates					
	Salaried			Hourly		
	25	40	55	25	40	55
0 – 1	15.00%	15.00%	15.00%	7.50%	7.50%	7.50%
1 – 2	7.50%	7.50%	7.50%	3.75%	3.75%	3.75%
2+	9.90%	4.73%	1.65%	2.70%	1.33%	0.15%

Asset valuation method

Market Value, including the discounted value of accrued contributions.

Future actuarial measurements

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, changes expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions, applicable law or regulations. An analysis of the potential range of such future differences is beyond the scope of this report.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Summary of Changes from the January 1, 2018 Valuation

- The interest rate basis for computing funding liabilities and lump sums was updated to the current rates as described in IRS Reg. Section 1.430(h)(2)-1.
- The mortality assumption was updated according to the Mortality tables mandated by current legislation as specified in IRS Regulation 1.430(h)(3)-1, as amended in IRS Notice 2018-02, applied on a static basis.
- The mortality assumption used to compute lump sums was updated according to the 2019 IRS 417(e) Applicable Mortality table.
- The expected plan related expenses added to the Target Normal Cost were updated from \$551,981 to \$618,006.
- The change in assumptions listed above decreased the Funding Target by approximately \$7.5M.

Plan Name	COVIA HOLDINGS CORPORATION PENSION PLAN
Plan Sponsor EIN	13-2656671
ERISA Plan No.	003
Plan Year End	12/31/2019

The required attachment noted below is included within the Accountant's Opinion attachment to the Form 5500 Schedule H, Part III, which consists of the entire Audit report issued by the Plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line Item	Description
5500 Schedule H	Line 4j	Schedule of Reportable Transactions

SCHEDULE SB (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>	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 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

► **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 COVIA HOLDINGS CORPORATION PENSION PLAN	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">B Three-digit plan number (PN) ►</td> <td style="width:30%; text-align: center;">003</td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> </table>	B Three-digit plan number (PN) ►	003		
B Three-digit plan number (PN) ►	003				
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Covia Holdings Corporation	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>D Employer Identification Number (EIN) 13-2656671</td> </tr> </table>	D Employer Identification Number (EIN) 13-2656671			
D Employer Identification Number (EIN) 13-2656671					
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>2019</u>										
2 Assets: <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width:70%;">a Market value.....</td> <td style="width:10%; text-align: center;">2a</td> <td style="width:20%; text-align: right;">92,605,626</td> </tr> <tr> <td>b Actuarial value</td> <td style="text-align: center;">2b</td> <td style="text-align: right;">92,605,626</td> </tr> </table>					a Market value.....	2a	92,605,626	b Actuarial value	2b	92,605,626
a Market value.....	2a	92,605,626								
b Actuarial value	2b	92,605,626								
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	262	24,539,904	24,539,904							
b For terminated vested participants	345	23,061,664	23,061,664							
c For active participants	469	60,339,268	63,373,752							
d Total	1,076	107,940,836	110,975,320							
4 If the plan is in at-risk status, check the box and complete lines (a) and (b) ☐ <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width:70%;">a Funding target disregarding prescribed at-risk assumptions</td> <td style="width:10%; text-align: center;">4a</td> <td style="width:20%;"></td> </tr> <tr> <td>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</td> <td style="text-align: center;">4b</td> <td></td> </tr> </table>					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	
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	4.50%							
6 Target normal cost		6	989,004							

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>September 21, 2020</u> Date 2004490 Most recent enrollment number 203-858-3277 Telephone number (including area code)
THOMAS L. MOSHER, FSA Type or print name of actuary Buck Global, LLC Firm name 420 LEXINGTON AVENUE Suite 2220 NEW YORK NY 10171 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) 2019
v. 190130

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	11,681,751
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	9,938,301
9 Amount remaining (line 7 minus line 8).....	0	1,743,450
10 Interest on line 9 using prior year's actual return of <u>-4.49%</u>	0	-78,281
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>3.84%</u>		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance.....		0
d Portion of (c) to be added to prefunding balance.....		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	1,665,169

Part III Funding Percentages

14 Funding target attainment percentage	14	81.94%
15 Adjusted funding target attainment percentage.....	15	81.94%
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	80.00%
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
07/12/2019	858,143	0			
10/11/2019	1,274,435	0			
01/13/2020	1,274,435	0			
09/14/2020	767,777	0			
Totals ▶	18(b)	4,174,790	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	4,000,261

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	
0	0	0	0	0

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

21 Discount rate:				
a Segment rates:	1st segment: %	2nd segment: %	3rd segment: %	☒ N/A, full yield curve used
b Applicable month (enter code).....				21b
22 Weighted average retirement age				22 64
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	989,004	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	20,034,863	4,675,149	
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	5,664,153	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	1,665,169	1,665,169
36 Additional cash requirement (line 34 minus line 35)	36	3,998,984	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	4,000,261	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	1,277	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	1,277	
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

Covia Holdings Corporation Pension Plan

EIN / PN: 13-2656671/003

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

This table calculates the weighted average retirement age for all active persons in the plan

(1) Age	(2) Expected Active Headcount	(3) Retirement Rate	(4) Expected Retirements (2)*(3)	(5) Weighted Age (1)*(4)
60	314.2192	0.0211	6.6352	398.1127
61	329.6111	0.0417	13.7571	839.1851
62	326.0860	0.1813	59.1294	3,666.0200
63	274.4634	0.0488	13.3870	843.3797
64	269.6435	0.0493	13.2886	850.4704
65	267.7583	0.9927	265.8077	17,277.5031
66	7.9405	1.0000	7.9405	524.0702
67	1.0000	1.0000	1.0000	67.0000
68	2.0000	1.0000	2.0000	136.0000
69	2.0000	1.0000	2.0000	138.0000
70	1.0000	1.0000	1.0000	70.0000
71	1.0000	1.0000	1.0000	71.0000
72	2.0000	1.0000	2.0000	144.0000
73	1.0000	1.0000	<u>1.0000</u>	<u>73.0000</u>
Total			389.9455	25,097.7413
Weighted Average Retirement Age = 25097.7413 / 389.9455				64.36
Rounded Weighted Average Retirement Age				64

Note to Column 2: The Expected Active Headcount for each age includes persons who are eligible to retire and persons who are not eligible to retire at each age.

Note to Column 3: At each age, these retirement rates are a weighted average of the rates shown in Attachment to Part V for active participants eligible to retire at the age and zero for all other active participants.

General note: The table presents values rounded to fewer significant digits than used in the calculation.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods

Prescribed Funding/PBGC Assumptions and Methods

The following assumptions and methods are prescribed by ERISA.

Funding interest rates

Current Year:	IRS spot rate yield curve as of December 2018.	
Effective Interest Rate		4.50%
Prior Year:	IRS spot rate yield curve as of December 2017.	
Effective Interest Rate		3.84%

PBGC variable premium

Current Year:	IRS spot rate yield curve as of December 2018.
Prior Year:	IRS spot rate yield curve as of December 2017.

The effective rates for PBGC premium purposes are 4.51% for 2019 and 3.84% for 2018.

Mortality

Mortality tables mandated by current legislation as specified in IRS Regulation 1.430(h)(3)-1, as amended in IRS Notice 2018-02, applied on a static basis.

Mortality for purposes of calculating lump sums

2019 IRS 417(e) Applicable Mortality table.

Actuarial cost method

The Funding Target is the present value of accrued benefits and based on compensation and service to date. The Target Normal Cost is the present value of benefits expected to be accrued during the current plan year, reflecting the effect of expected compensation increases during the year and including expected plan related expenses to be paid from plan assets during the year.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Non-Prescribed Funding Assumptions and Methods

The following assumptions were selected by the plan's enrolled actuary. The asset valuation method was selected by the plan sponsor with the actuary's advice and is an acceptable method under PPA 2006.

The retirement, disability and withdrawal rate assumptions are based on the plan sponsor's anticipated experience. Actual experience is reviewed each year and compared to the assumption. Changes are then made, as appropriate, based on this review.

Expenses

Expected plan related expenses equal actual expenses paid for prior plan year. Expected plan related expenses of \$618,006 were added to the Target Normal Cost.

Salary increase assumption

The salary increase assumption is based on prior and anticipated compensation practice of the plan sponsor.

Age	Rates
25	7.30%
30	6.40%
35	6.30%
40	6.00%
45	6.00%
50	5.40%
55	4.10%
60	2.50%

Social Security

Annual increase in maximum wage base: 4.00%

Frequency of Optional Forms

66.67% of all future retirees and future disabilities are assumed to take a lump sum form of payment. Married participants who did not take lump sums are assumed to take a Joint and Survivor 50% or 100% option with equal probability. For unmarried participants, election of the normal form of payment is assumed.

100% of all future retirees are assumed to take a lump sum form of payment for non-union employees who attain age 65 and completed 35 years of service.

Marital percentage

80% of male participants and 60% of female participants are assumed to be married at death. Husbands are assumed to be 3 years older than their wives.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Non-Prescribed Funding Assumptions and Methods (continued)

Retirement rates

Age	Hourly	Salaried
60	0%	10%
61	0%	10%
62	20%	20%
63	5%	5%
64	5%	5%
65+	100%	100%

Terminated vested participants are assumed to retire at age 65.

Disability rates

Age	Male	Female
25	0.03%	0.08%
35	0.08%	0.09%
45	0.30%	0.16%
55	0.78%	0.58%

Withdrawal rates for active participants not eligible for retirement

Year of Employment	Age-Related Rates					
	Salaried			Hourly		
	25	40	55	25	40	55
0 – 1	15.00%	15.00%	15.00%	7.50%	7.50%	7.50%
1 – 2	7.50%	7.50%	7.50%	3.75%	3.75%	3.75%
2+	9.90%	4.73%	1.65%	2.70%	1.33%	0.15%

Asset valuation method

Market Value, including the discounted value of accrued contributions.

Future actuarial measurements

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, changes expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions, applicable law or regulations. An analysis of the potential range of such future differences is beyond the scope of this report.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods (continued)

Summary of Changes from the January 1, 2018 Valuation

- The interest rate basis for computing funding liabilities and lump sums was updated to the current rates as described in IRS Reg. Section 1.430(h)(2)-1.
- The mortality assumption was updated according to the Mortality tables mandated by current legislation as specified in IRS Regulation 1.430(h)(3)-1, as amended in IRS Notice 2018-02, applied on a static basis.
- The mortality assumption used to compute lump sums was updated according to the 2019 IRS 417(e) Applicable Mortality table.
- The expected plan related expenses added to the Target Normal Cost were updated from \$551,981 to \$618,006.
- The change in assumptions listed above decreased the Funding Target by approximately \$7.5M.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions

Plan Provisions - Group B - Hourly Employees at Utica, Illinois

Effective Date

The effective date is January 1, 1971.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Utica, Illinois who is represented by local No. 422, United Glass & Ceramic Workers of America on the first of the month coincident with or following date of hire. The plan is closed to new entrants effective August 19, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a full year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	\$40.50 x benefit service
Effective January 1, 2017:	\$39.50 x benefit service
Effective January 1, 2016:	\$38.50 x benefit service
Effective January 1, 2015:	\$37.50 x benefit service
Effective January 1, 2014:	\$36.50 x benefit service
Effective January 1, 2013:	\$36.00 x benefit service
Effective January 1, 2012:	\$35.50 x benefit service
Effective January 1, 2011:	\$34.50 x benefit service
Effective January 1, 2010:	\$33.50 x benefit service
Effective January 1, 2009:	\$32.50 x benefit service
Effective January 1, 2008:	\$32.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group B - Hourly Employees at Utica, Illinois (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 7.2% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement

Disability Benefits

Eligibility

Fifteen years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group B - Hourly Employees at Utica, Illinois (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

A salaried, non-union employee enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The Qualified plan is closed to new entrants effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Compensation

Annual wage of salary paid to an employee while a participant of the plan excluding bonuses, overtime and commissions; the Qualified Plan limits to pay to \$275,000, as indexed. The Restoration Plan covers accruals on pay in excess of the \$275,000 indexed limit. The salary is frozen effective December 31, 2018.

Final Average Compensation

The highest five consecutive calendar years of the last 10 years' compensation (excluding bonuses, overtime and commissions) prior to termination.

Covered Compensation

The average of the taxable wage base in effect for each calendar year during the 35-year period ending with the last day of the calendar year in which the participant attains his social security retirement age.

Benefit Service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Former employees of the following locations shall have benefit service credited from the date of incorporation into Covia Holdings.

Marston, North Carolina	January 1, 1983
Martin Marietta	September 23, 1983
Blue Diamond	February 28, 1986
Tammsco	June 30, 1986
Mid-Continent	September 25, 1986
International Minerals and Chemical Corp.	December 4, 1986
Guion	January 1, 1989
Illinois Minerals Co.	October 12, 1989
Georgia Kaolin Co., Inc.	October 12, 1989
Aimcor	April 29, 1999
The Morie Co	December 13, 1996
WHIBCO	July 16, 1997

Covia Holdings Corporation Pension Plan

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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees (continued)

United Clay	September 1, 1999
Albion Kaolin Company	May 25, 2000
OI STS Inc.	November 1, 2000

Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen for all salaried employees effective December 31, 2018.

Vesting Service

All service from date of hire including service earned with predecessor employer.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

For benefit service up to 10 years:

1% of final average earnings up to covered compensation plus 1.5% of final average earnings in excess of covered compensation, multiplied by the years of benefit service (but not more than 10); plus

For benefit service over 10 years up to 35 years:

1.25% of final average compensation up to covered compensation plus 1.75% of final average compensation in excess of covered compensation, multiplied by the years of benefit service; plus

Prior plan benefits; or

The minimum benefit: \$10 x 12 x (benefit service plus prior plan service), or for Utica Salaried employees, the benefit earned to December 31, 1988.

For employees affected by the \$170,000 pay limited (indexed), the Qualified Plan benefit will not be less than the accrued benefit as of 12/31/93 plus post-1993 accruals with pay limited to \$170,000 (indexed).

Early Retirement Benefits

Eligibility

Age 60 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings (if applicable) as of the date of retirement - unreduced if payable after the attainment of age 62; or reduced by 5% for each year by which the commencement date of the benefit precedes the attainment of age 62.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service and earnings as of the date of retirement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees (continued)

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A lump sum value of the accrued benefit is payable.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia

Effective Date

The effective date is January 1, 1977.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Gore, Virginia enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008. The plan is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2012:	\$29.50 x benefit service after 1979
Effective January 1, 2011:	\$29.00 x benefit service after 1979
Effective January 1, 2010:	\$28.50 x benefit service after 1979
Effective January 1, 2009:	\$27.50 x benefit service after 1979
Effective January 1, 2008:	\$26.50 x benefit service after 1979
Effective January 1, 2007:	\$26.00 x benefit service after 1979
Effective January 1, 2005:	\$25.00 x benefit service after 1979
Effective January 1, 2003:	\$24.00 x benefit service after 1979
Effective January 1, 2001:	\$23.00 x benefit service after 1979
Effective January 1, 2000:	\$22.00 x benefit service after 1979

Plus

For all service before 1980:	\$4.00 x benefit service before 1980
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Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings (if applicable) as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey

Effective Date

The effective date is January 1, 1981.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Dividing Creek, New Jersey enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	\$35.50 x benefit service
Effective January 1, 2016:	\$35.00 x benefit service
Effective January 1, 2013:	\$34.50 x benefit service
Effective January 1, 2012:	\$34.00 x benefit service
Effective January 1, 2011:	\$33.50 x benefit service
Effective January 1, 2010:	\$33.00 x benefit service
Effective January 1, 2009:	\$32.00 x benefit service
Effective January 1, 2008:	\$31.00 x benefit service
Effective January 1, 2007:	\$30.00 x benefit service
Effective January 1, 2006:	\$29.00 x benefit service
Effective January 1, 2005:	\$27.00 x benefit service
Effective January 1, 2004:	\$26.00 x benefit service

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey
(continued)**

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group F - Hourly Employees at Marston, North Carolina

Effective Date

The effective date is January 1, 1983.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Marston, North Carolina enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since later of date of hire or January 1, 1983. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$35.50 x benefit service
Effective January 1, 2016:	\$35.00 x benefit service
Effective January 1, 2015:	\$34.50 x benefit service
Effective January 1, 2014:	\$34.00 x benefit service
Effective January 1, 2013:	\$33.50 x benefit service
Effective January 1, 2012:	\$33.00 x benefit service
Effective January 1, 2011:	\$33.00 x benefit service
Effective January 1, 2010:	\$32.50 x benefit service
Effective January 1, 2009:	\$32.00 x benefit service
Effective January 1, 2008:	\$30.00 x benefit service
Effective January 1, 2007:	\$28.00 x benefit service
Effective January 1, 2006:	\$27.00 x benefit service
Effective January 1, 2005:	\$26.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group F - Hourly Employees at Marston, North Carolina
(continued)**

Effective January 1, 2004: \$24.50 x benefit service

Early Retirement Benefits

Eligibility

Age 60 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit — based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group F - Hourly Employees at Marston, North Carolina
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California

Effective Date

The effective date is January 1, 1988. The plant was sold on August 25, 2011.

Date Last Amended

The last amended date was January 1, 2011.

Eligibility for Participation

An employee located at Byron, California enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2011:	\$36.00 x benefit service
Effective January 1, 2010:	\$35.00 x benefit service
Effective January 1, 2009:	\$33.00 x benefit service
Effective January 1, 2008:	\$31.00 x benefit service
Effective January 1, 2005:	\$29.00 x benefit service
Effective January 1, 2004:	\$24.00 x benefit service
Effective January 1, 2003:	\$22.50 x benefit service
Effective January 1, 2001:	\$21.50 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California (continued)

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service, and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California (continued)

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants

Effective Date

The effective date is September 23, 1983.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Portage, Wisconsin; Festus/Pevely, Missouri; Oregon, Illinois; Michigan City, Indiana or Bridgeman, Michigan facilities enters the plan on the January 1 or July 1 on or after date of hire. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to non-union rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire not exceeding 35 years (37 years effective 8/1/99). No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Former employees of Martin Marietta will have service credited from date of hire with prior employer. Benefit service ceased for the employees at Portage on December 31, 2002 and at Oregon on December 31, 2001. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Former employees of Martin Marietta will have service credited from date of hire with prior employer.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A unit of benefit for each year of benefit service where a unit is defined as below for each location.

Maximum of 35 years of benefit service credited.

Location	Effective Date	Unit	Location	Effective Date	Unit
Portage	August 1, 2000	\$ 25.00	Festus/Pevely	January 1, 2013	\$ 33.00
Bridgeman	January 1, 1988	\$ 12.50	(continued)	January 1, 2011	\$ 32.50
Michigan City	January 1, 1988	\$ 12.50		January 1, 2010	\$ 31.50
Festus/Pevely	January 1, 2017	\$ 34.00	Oregon	January 1, 2001	\$ 24.50
	January 1, 2015	\$ 33.50		January 1, 2000	\$ 23.50

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants
(continued)**

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit -- based on benefit service at disability -- without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants
(continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Lugoff, South Carolina enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or January 1, 1984. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	\$32.50 x benefit service
Effective January 1, 2014:	\$32.00 x benefit service
Effective January 1, 2012:	\$31.50 x benefit service
Effective January 1, 2011:	\$31.00 x benefit service
Effective January 1, 2010:	\$30.50 x benefit service
Effective January 1, 2009:	\$29.50 x benefit service
Effective January 1, 2008:	\$28.50 x benefit service
Effective January 1, 2007:	\$28.00 x benefit service
Effective January 1, 2006:	\$27.00 x benefit service
Effective January 1, 2005:	\$26.50 x benefit service
Effective January 1, 2004:	\$25.50 x benefit service
Effective January 1, 2003:	\$24.50 x benefit service
Effective January 1, 2002:	\$23.50 x benefit service
Effective January 1, 2001:	\$21.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina
(continued)**

Effective January 1, 2000: \$19.50 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service; and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina
(continued)**

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2019.

Eligibility for Participation

An employee located at Emmett, Idaho enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective January 1, 2010.

Definitions

Benefit service

Completed months of service from the later of January 1, 1984 or date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2019:	\$36.50 x benefit service
Effective January 1, 2018:	\$36.00 x benefit service
Effective January 1, 2017:	\$35.00 x benefit service
Effective January 1, 2016:	\$34.00 x benefit service
Effective January 1, 2015:	\$33.00 x benefit service
Effective January 1, 2013:	\$32.00 x benefit service
Effective January 1, 2012:	\$30.00 x benefit service
Effective January 1, 2011:	\$29.50 x benefit service
Effective January 1, 2010:	\$28.00 x benefit service
Effective January 1, 2009:	\$26.00 x benefit service
Effective January 1, 2007:	\$24.00 x benefit service
Effective January 1, 2005:	\$22.00 x benefit service
Effective January 1, 2004:	\$20.00 x benefit service
Effective January 1, 2001:	\$17.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho (continued)

Early Retirement Benefits

Eligibility for Basic Benefits

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service, and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Troy Grove, Illinois enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective November 1, 2017.

Definitions

Benefit service

Completed months of service from later of January 1, 1984 or date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	\$35.00 x benefit service
Effective January 1, 2017:	\$34.50 x benefit service
Effective January 1, 2016:	\$34.00 x benefit service
Effective January 1, 2015:	\$33.50 x benefit service
Effective January 1, 2014:	\$32.50 x benefit service
Effective January 1, 2013:	\$31.00 x benefit service
Effective January 1, 2012:	\$29.50 x benefit service
Effective January 1, 2011:	\$28.00 x benefit service
Effective January 1, 2010:	\$26.50 x benefit service
Effective January 1, 2008:	\$26.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

Four years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois (continued)

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous life annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Cleburne, Texas enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective September 1, 2017.

Definitions

Benefit service

Completed months of service from date of hire not exceeding 35 years. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

As follows, less the actuarial equivalent of the prior plan accrued benefit as of December 31, 1983.

Effective January 1, 2018:	\$39.00 x benefit service
Effective January 1, 2017:	\$38.00 x benefit service
Effective January 1, 2016:	\$37.00 x benefit service
Effective January 1, 2015:	\$36.00 x benefit service
Effective January 1, 2014:	\$35.00 x benefit service
Effective January 1, 2013:	\$34.00 x benefit service
Effective January 1, 2009:	\$33.00 x benefit service

Maximum of 35 years of benefit service for those hired on or after January 1, 1983.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

Four years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas (continued)

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group M - Hourly Employees at Kasota, Minnesota

Effective Date

The effective date is January 1, 1985.

Date Last Amended

The last amended date was June 1, 2000.

Eligibility for Participation

An employee located at Kasota, Minnesota enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service.

Definitions

Benefit service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year shall be credited with a year of benefit service for that particular plan year with a fractional service for completed months. Benefit service is frozen as of June 1, 2000.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall be credited with a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective June 1, 2000: Benefits were frozen. Future benefits are provided under a Steelworkers multiemployer plan.

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group M - Hourly Employees at Kasota, Minnesota (continued)

Disability Benefits

Eligibility

No service requirement

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina

Effective Date

The effective date is April 1, 1982.

Date Last Amended

The last amended date was January 1, 2015.

Eligibility for Participation

A Quartz employee represented by local #436, United Textile Workers of America located at Spruce Pines, North Carolina enters the plan on his date of hire. The plan is closed to new entrants effective April 9, 2010.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a full year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2015:	\$35.00 x benefit service
Effective January 1, 2014:	\$34.50 x benefit service
Effective January 1, 2013:	\$34.00 x benefit service
Effective January 1, 2012:	\$33.00 x benefit service
Effective January 1, 2011:	\$32.50 x benefit service
Effective January 1, 2009:	\$32.00 x benefit service
Effective January 1, 2008:	\$31.50 x benefit service
Effective January 1, 2007:	\$30.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of benefit service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma

Effective Date

The effective date is January 1, 1987.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Roff, Oklahoma enters the plan on the January 1 or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or January 1, 1987. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	\$28.00 x benefit service
Effective January 1, 2014:	\$27.50 x benefit service
Effective January 1, 2011:	\$27.00 x benefit service
Effective January 1, 2010:	\$26.50 x benefit service
Effective January 1, 2009:	\$24.50 x benefit service
Effective January 1, 2008:	\$23.50 x benefit service
Effective January 1, 2007:	\$22.00 x benefit service
Effective January 1, 2006:	\$21.00 x benefit service
Effective January 1, 2005:	\$20.00 x benefit service
Effective January 1, 2004:	\$19.00 x benefit service
Effective January 1, 2003:	\$18.50 x benefit service
Effective January 1, 2002:	\$18.00 x benefit service
Effective January 1, 2001:	\$17.50 x benefit service
Effective January 1, 2000:	\$17.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas

Effective Date

The effective date is January 1, 1989.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Guion, Arkansas enters the plan on the January 1 or July 1 after he has completed at least one year of service, including service with Silica Products Co. Inc. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since later of date of hire or January 1, 1989. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Silica Products Co. Inc. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$24.50 x benefit service
Effective January 1, 2015:	\$24.00 x benefit service
Effective January 1, 2011:	\$23.50 x benefit service
Effective January 1, 2010:	\$23.00 x benefit service
Effective January 1, 2009:	\$22.50 x benefit service
Effective January 1, 2008:	\$21.00 x benefit service
Effective January 1, 2007:	\$20.00 x benefit service
Effective January 1, 2006:	\$19.00 x benefit service
Effective January 1, 2004:	\$18.00 x benefit service
Effective January 1, 2003:	\$17.00 x benefit service
Effective January 1, 2002:	\$16.50 x benefit service
Effective January 1, 2001:	\$16.00 x benefit service
Effective January 1, 2000:	\$15.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma

Effective Date

The effective date is March 1, 1990. The plant was sold on June 29, 2011.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at Mill Creek, Oklahoma enters the plan on the January 1 or July 1 after he has completed at least one year of service, including service with Delta Mining Company. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or March 1, 1990. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Delta Mining Company. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2011:	\$25.00 x benefit service
Effective January 1, 2010:	\$24.50 x benefit service
Effective January 1, 2009:	\$23.50 x benefit service
Effective January 1, 2008:	\$22.50 x benefit service
Effective January 1, 2007:	\$21.50 x benefit service
Effective January 1, 2006:	\$20.50 x benefit service
Effective January 1, 2005:	\$20.00 x benefit service
Effective January 1, 2004:	\$19.50 x benefit service
Effective January 1, 2003:	\$19.00 x benefit service
Effective January 1, 2002:	\$18.50 x benefit service
Effective January 1, 2001:	\$18.00 x benefit service
Effective January 1, 2000:	\$17.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma
(continued)**

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina

Effective Date

The effective date is May 1, 1991.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly Crystal plant employee located at Spruce Pine, North Carolina enters the plan on the January 1 or July after he has completed 1 year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or May 1, 1991. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Silica Products Co. Inc. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	\$34.00 x benefit service
Effective January 1, 2014:	\$33.50 x benefit service
Effective January 1, 2012:	\$33.00 x benefit service
Effective January 1, 2011:	\$32.50 x benefit service
Effective January 1, 2010:	\$32.00 x benefit service
Effective January 1, 2009:	\$30.00 x benefit service
Effective January 1, 2008:	\$28.00 x benefit service
Effective January 1, 2007:	\$26.00 x benefit service
Effective January 1, 2004:	\$25.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

Fifteen years of benefit service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement:

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement:

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities

Effective Date

The effective date is April 29, 1994 (merged into Covia Holdings Pension Plan effective November 28, 1994). The Green Mountain plant was sold on July 29, 2011. The Hamilton and Aurora plants were closed on December 30, 2011.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Archbold or Wadsworth, Ohio; Belvidere, Illinois; Green Mountain, North Carolina; Hamilton, Washington; Caldwell, Idaho; Aurora, Indiana or Aberdeen, Mississippi facilities enters the plan on his date of hire. The plan is closed to non-union hourly employees effective January 1, 2008. The Green Mountain (W) plan is closed effective March 6, 2010. The plan is closed to non-union rehires and transfers effective April 15, 2017.

Definitions

Benefit Service

Years of service shall equal service with Covia Holdings and credited service under the following plans of AIMCOR:

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #20 IBT (Archbold Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #325 IBT (Belvidere Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #1510 UTW (Green Mountain Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #788 IBT (Hamilton Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #510 IBT (Wadsworth Plan)

- Retirement Plan for Non-Union Hourly Employees of Applied Industrial Materials Corporation (Non-Union Plan)

The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting Service

All service from date of hire, including service with Aimcor.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A unit of benefit for each year of benefit service where a unit is defined as below for each location.

Group	Location	Effective Date	Unit
T	Archbold	January 1, 2007	\$28.00
		January 1, 2006	27.00
		January 1, 2005	26.00
		January 1, 2004	25.00
		January 1, 2003	24.00
		January 1, 2002	23.50
		January 1, 2001	23.00
		January 1, 2000	22.00
V	Belvidere	January 1, 2008	\$31.50
		January 1, 2007	30.50
		January 1, 2006	29.50
		January 1, 2005	29.00
		January 1, 2004	27.50
		January 1, 2002	26.50
		For service prior to June 30, 1979	8.00
W	Green Mountain	January 1, 2012	\$31.50
		January 1, 2011	31.00
		January 1, 2010	30.00
		January 1, 2009	29.00
		January 1, 2008	28.50
		January 1, 2007	28.00
		January 1, 2006	27.50
		January 1, 2004	27.00
		January 1, 2000	24.00
X	Hamilton	January 1, 2013	\$34.50
		January 1, 2012	33.50
		January 1, 2011	32.00
		January 1, 2010	31.00
		January 1, 2009	29.50
		January 1, 2008	28.50
		January 1, 2007	27.00
		January 1, 2006	25.00

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Group	Location	Effective Date	Unit
U	Wadsworth	September 1, 2006	\$33.50
		January 1, 2006	31.00
		January 1, 2003	29.00
Y	Aurora	January 1, 2012	\$23.00
		January 1, 2011	22.50
		January 1, 2010	22.00
		January 1, 2009	21.00
		January 1, 2008	20.00
		January 1, 2004	19.00
		January 1, 2002	18.50
		January 1, 2001	18.00
		January 1, 2000	17.50
		November 1, 1986 ¹	15.00
Y	Aberdeen	January 1, 2006	\$21.00
		January 1, 2005	20.50
		January 1, 2004	20.00
		January 1, 2003	19.50
		January 1, 2002	19.00
		January 1, 2001	18.50
		November 1, 1986 ¹	15.00

Early Retirement Benefits

Group	Location	Eligibility	Unreduced	Reduced
T	Archbold	Age 55	None	Actuarially
V	Belvidere	Age 55	None	6.00% per year
W	Green Mountain	Age 55 + 10 years vesting service	None	Actuarially
X	Hamilton	Age 55 + 10 years vesting service	62 + 30 years of service	Actuarially
U	Wadsworth ²	Age 55	None	Actuarially
Y	Non-Union	Age 55 + 10 years vesting service	None	Actuarially

¹ No service credit is granted before this date.

² 6% per year from age 65 for retirees age 62 with 30 years of service.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits¹

Group	Location	Eligibility	Monthly Benefit
V	Belvidere	15 years of vesting service	Normal retirement benefit without reduction
W	Green Mountain	10 years of vesting service	Normal retirement benefit without reduction
U	Wadsworth	25 years of vesting service	Normal retirement benefit without reduction

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

¹ Group T, X, Y do not offer disability benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities
(continued)**

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75% or 100% joint and survivor annuity.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill

Effective Date

The effective date is October 29, 1996.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at the Red Hill facility enters the plan on the nearest January 1 or July 1 after completing at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or October 29, 1996. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or October 29, 1996 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017	\$38.50 x benefit service
Effective January 1, 2015	\$38.00 x benefit service
Effective January 1, 2013	\$37.50 x benefit service
Effective January 1, 2011	\$37.00 x benefit service
Effective January 1, 2010	\$36.00 x benefit service
Effective January 1, 2009	\$35.50 x benefit service
Effective January 1, 2008	\$33.50 x benefit service
Effective January 1, 2007	\$32.50 x benefit service
Effective January 1, 2006	\$31.00 x benefit service
Effective January 1, 2005	\$30.00 x benefit service
Effective January 1, 2004	\$28.00 x benefit service

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill (continued)

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine

Effective Date

The effective date is September 6, 1996.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee enters the plan January 1 or July 1 following completion of one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or September 6, 1996. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or September 6, 1996 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Schoolhouse Quartz

Effective January 1, 2017:	\$38.50 x benefit service
Effective January 1, 2015:	\$38.00 x benefit service
Effective January 1, 2012:	\$37.50 x benefit service
Effective January 1, 2011:	\$37.00 x benefit service
Effective January 1, 2010:	\$36.00 x benefit service
Effective January 1, 2009:	\$35.50 x benefit service
Effective January 1, 2008:	\$33.50 x benefit service
Effective January 1, 2007:	\$32.50 x benefit service
Effective January 1, 2006:	\$31.00 x benefit service
Effective January 1, 2005:	\$30.00 x benefit service
Effective January 1, 2004:	\$28.00 x benefit service
Effective January 1, 2003:	\$27.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine (continued)

Effective January 1, 2002:	\$26.00 x benefit service
Effective January 1, 2001:	\$25.50 x benefit service
Spruce Pine	
Effective January 1, 2018:	\$38.50 x benefit service
Effective January 1, 2016:	\$38.00 x benefit service
Effective January 1, 2013:	\$37.50 x benefit service
Effective January 1, 2012:	\$37.00 x benefit service
Effective January 1, 2011:	\$36.00 x benefit service
Effective January 1, 2010:	\$35.50 x benefit service
Effective January 1, 2009:	\$34.00 x benefit service
Effective January 1, 2008:	\$32.50 x benefit service
Effective January 1, 2007:	\$31.00 x benefit service
Effective January 1, 2006:	\$30.00 x benefit service
Effective January 1, 2005:	\$28.00 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine (continued)

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas

Effective Date

The effective date is March 17, 1997.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly Voca plant employee located at Voca, Texas enters the plan on January 1, or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or March 17, 1997. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or March 17, 1997 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$22.50 x benefit service
Effective January 1, 2015:	\$22.00 x benefit service
Effective January 1, 2013:	\$21.50 x benefit service
Effective January 1, 2011:	\$21.00 x benefit service
Effective January 1, 2009:	\$19.00 x benefit service
Effective January 1, 2008:	\$17.50 x benefit service
Effective January 1, 2007:	\$16.50 x benefit service
Effective January 1, 2005:	\$15.50 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement:

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly

Effective Date

The effective date is April 1, 1971 (merged into the Covia Holdings Pension Plan effective December 31, 1996).

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee enters the plan on the January 1 or July 1 after he has completed at least one year of vesting service at the Georgia Silica Division or Alabama Silica Division. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of benefit service, with partial credit for a year of less than 1,000 hours. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service

Monthly Benefit

A unit of benefit for each year of benefit service¹ where a unit is defined as below for each location.

Alabama Silica

January 1, 2011	\$27.50
January 1, 2010	27.00
January 1, 2009	25.50
January 1, 2008	24.50
January 1, 2007	23.50
January 1, 2006	22.50
January 1, 2005	21.50
January 1, 2004	20.50
January 1, 2003	20.00
January 1, 2002	19.50
January 1, 2001	19.00
January 1, 2000	18.50

Georgia Silica

January 1, 2011	\$27.50
January 1, 2010	27.00
January 1, 2009	25.50
January 1, 2008	24.50
January 1, 2007	23.50
January 1, 2006	22.50
January 1, 2005	21.50
January 1, 2004	20.50
January 1, 2003	20.00
January 1, 2002	19.50
January 1, 2001	19.00
January 1, 2000	18.50

¹ No service credited before April 1, 1971.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly (continued)

Early Retirement Benefits

Eligibility

Age 55 with 20 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - actuarially reduced for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65.

Monthly Benefit

Benefit based on service as of the date of retirement or, if greater, the normal retirement benefit actuarially increased for deferral past normal retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

Age 50 with 10 years of benefit service and eligible for Social Security disability benefits.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected with the exclusion of 87 employees eligible for a \$750 lump sum benefit.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be to the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50% or 75% joint and survivor annuity.

Level income option.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana; Van Horn, Texas; and Troup, Texas

Effective Date

The effective date is September 1, 1999.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at Huntingburg, Indiana; Van Horn, Texas; or Troup, Texas enters the plan on the January 1 or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or September 1, 1999. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Troup

Effective January 1, 2017	\$27.00 x benefit service
Effective January 1, 2013	\$26.50 x benefit service
Effective January 1, 2012:	\$26.00 x benefit service
Effective January 1, 2010:	\$25.00 x benefit service
Effective January 1, 2009:	\$24.00 x benefit service
Effective January 1, 2008:	\$23.00 x benefit service
Effective January 1, 2006:	\$22.00 x benefit service

Van Horn

Effective January 1, 2002:	\$21.50 x benefit service
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Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana;
Van Horn, Texas; and Troup, Texas (continued)**

Huntingburg

Effective January 1, 2017:	\$26.50 x benefit service
Effective January 1, 2015:	\$26.00 x benefit service
Effective January 1, 2013:	\$25.50 x benefit service
Effective January 1, 2011:	\$25.00 x benefit service
Effective January 1, 2009:	\$24.00 x benefit service
Effective January 1, 2008:	\$23.00 x benefit service
Effective January 1, 2006:	\$22.00 x benefit service
Effective January 1, 2002:	\$21.50 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement proceeds normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana;
Van Horn, Texas; and Troup, Texas (continued)**

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia

Effective Date

The effective date of the prior plan is January 1, 1969.

Date Last Amended

The last amended date was January 1, 2010.

Eligibility for Participation

An employee located at McIntyre, Georgia enter the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective January 1, 2010.

Definitions

Compensation

Annual wages or salary paid including Section 401(k) and Section 125 salary deferrals to an employee while a participant of the plan including overtime, commissions but excluding bonuses. The Qualified Plan limits pay to \$275,000, as indexed.

Final Average Compensation

Average of the highest five consecutive calendar years of the last 10 calendar years compensation (as defined herein) prior to termination.

Covered Compensation

The average of the taxable wage base in effect for each calendar year during the 35 year period ending with the last day of the calendar year in which the participant attains his social security retirement age.

Vesting Service

For service prior to January 1, 1976, years and months of continuous service is credited from date of employment. For service on or after January 1, 1976, one Year of Service is credited for each calendar year with at least 1,000 hours of service.

Benefit Service

A participant is credited with one year of service for each calendar year with at least 1,000 hours beginning with the plan year in which he becomes an eligible participant. A participant that enters the plan on July 1 will be credited with 1 year for that plan year if he works 500 hours.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

1.2% of final average earnings plus 0.3% of final average earnings in excess of covered compensation, multiplied by the years of benefit service up to 35 years.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia (continued)

Early Retirement Benefits

Eligibility

Age 55 with 15 years of vesting service.

Monthly Benefit

The accrued benefit reduced by 0.4% for each month between ages 55 and 57 and 0.25% for each month between ages 57 and 65.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on benefit service and earnings as of the date of retirement.

Disability Benefits

Eligibility

5 years of vesting service.

Monthly Benefit

The benefit is equal to the actuarial equivalent of the accrued benefit.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

5 and 10 years certain and continuous annuity.

75% joint and survivor annuity.

Lump sum if value is less than \$8,500.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia

Effective Date

The effective date of the prior plan is January 1, 1985.

Date Last Amended

The last amended date was January 1, 2017.

Eligibility for Participation

An hourly employee located at Hephzibah, Georgia enters the plan on the January 1 or July 1 after he has attained 21 and completed at least one year of service. An employee with one year of service as of June 20, 2000 automatically enters the plan. The plan is closed to new entrants effective January 1, 2009.

Definitions

Benefit service

Full years of employment with Babcock and Wilcox Company prior to January 1, 1985 and years and months of employment with United Catalysts, Inc. after January 1, 1985 are included.

Vesting service

Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$28.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2015:	\$27.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2009:	\$27.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2008:	\$26.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2007:	\$25.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2006:	\$24.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2005:	\$24.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2004:	\$23.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia
(continued)**

Effective January 1, 2003: \$22.50 x benefit service (after January 1, 1985), maximum 35 years of
benefit service

Plus

\$1.00 x benefit service prior to January 1, 1985

Early Retirement Benefits

Eligibility

Earlier of age 62 with 10 years of benefit service or age 55 with 15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by .40% for each month between early retirement and age 62.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit, but participant continues to earn benefit service until late retirement date.

Disability Benefits

Eligibility

10 years of vesting service and eligible for Social Security disability benefit.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability date - without reduction for early commencement.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single. If participant dies between ages 65 and 70, payments continue to beneficiary until participant would have been 70. Actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

50%, 75% and 100% joint and survivor annuity.

Life annuity.

If participant dies between ages 65 and 70, payments continue to beneficiary until participant would have been 70.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Lone, California

Effective Date

The effective date of the prior plan is September 23, 1983. The plant was closed on November 1, 2013.

Date Last Amended

The last amended date was January 1, 2014.

Eligibility for Participation

An hourly employee at lone, California enters the plan on the January 1 or July 1 after he has completed at least one year of service.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

Employees who complete 1,000 hours of service in a plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A monthly unit of benefit for each year of benefit service as defined below for each labor grade.

Section 1.02	Labor Grade	Effective Date	Unit
1-10		January 1, 2014	\$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2003	37.00
		April 1, 2001	35.00
		April 1, 2000	34.00
11 - 15		January 1, 2014	\$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2003	37.00
		April 1, 2001	36.00
		April 1, 2000	35.00

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Lone, California (continued)

Section 1.02	Labor Grade	Effective Date	Unit
16 and above		January 1, 2014	\$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2001	37.00
		April 1, 2000	36.00

Early Retirement Benefits

Eligibility

Later of age 60 or age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit – based on benefit service as of the date of retirement – reduced by 0.50% for each month prior to age 60. However, an employee age 55 with 30 years of benefit service or who is between the ages of 60 and 65 may retire with no reduction. If plant closing, unreduced at age 55 with 10 years of benefit service or 30 years of benefit service.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of benefit service and eligible for Social Security Disability Benefits.

Monthly Benefit

The normal retirement benefit — based on benefit service at disability date.

Death Benefits

Eligibility

Age 45 and 10 years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse the first day of the month following the date of death of the participant.

Post-Retirement

No death benefit other than those provided by the form of benefit payments selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Lone, California (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced .5% for each month prior to normal retirement date for early commencement.

Forms of Payment

Normal Form

Life annuity with 72 months certain if single; actuarial equivalent 50% joint and survivor with 72 months certain if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

Level income option.

50%, 66%, 75% and 100% joint and survivor annuity.

10 years certain and continuous annuity.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Summary of changes from January 1, 2018 valuation

For the January 1, 2019 valuation, benefit was frozen for non-union employees in the following hourly groups.

Group	Frozen Effective Date
Salaried (pay and benefit frozen)	December 31, 2018
Gore Hourly	December 31, 2018
Dividing Creek Hourly	December 31, 2018
Marston Hourly	December 31, 2018
Industrial Sands Plants Hourly	December 31, 2018
Lugoff Hourly	December 31, 2018
Roff Hourly	December 31, 2018
Guion Hourly	December 31, 2018
Mill Creek Hourly	December 31, 2018
Spruce Pine Crystal Hourly	December 31, 2018
Aimcor Facilities Hourly	December 31, 2018
Red Hill Hourly	December 31, 2018
Schoolhouse Quartz and Spruce Pine Hourly	December 31, 2018
Voca Hourly	December 31, 2018
Tuscaloosa and Junction City Hourly	December 31, 2018
Huntingburg, Van Horn and Troup Hourly	December 31, 2018

Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. This impacted Salaried, Spruce Pine Quartz Hourly, Spruce Pine Crystal Hourly, Red Hill Hourly and Schoolhouse Quartz and Spruce Pine Hourly.

For the January 1, 2019 valuation, the Emmett Hourly group had changes in their dollar per month current benefit level.

Covia Holdings Corporation Pension Plan

EIN / PN: 12-2656671/003

Schedule SB, Line 24 – Change in Actuarial Assumptions

The expected plan related expenses added to the Target Normal Cost were updated from \$551,981 to \$618,006. This change had no impact on the funding target.

Covia Holdings Corporation Pension Plan

EIN / PN: 13-2656671/003

Schedule SB, Line 26 – Schedule of Active Participant Data

Distribution of Active Participants as of January 1, 2019 – Age by Benefit Service

Age	Under 1	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 & up
Under 25	0	0	0	0	0	0	0	0	0	0
25 - 29	0	6	3	0	0	0	0	0	0	0
30 - 34	0	12	11	3	0	0	0	0	0	0
35 - 39	0	5	3	20	6	0	0	0	0	0
40 - 44	1	3	4	17	12	1	0	0	0	0
45 - 49	2	6	19	12	18	9	3	0	0	0
50 - 54	0	4	5	15	12	16	14	7	0	0
55 - 59	1	5	7	13	21	20	13	19	8	7
60 - 64	2	1	2	7	12	9	9	20	13	9
65 - 69	0	1	0	3	4	1	4	1	3	1
70 & up	0	0	0	1	0	1	1	1	0	0
Total	6	43	54	91	85	57	44	48	24	17

Covia Holdings Corporation Pension Plan**EIN / PN: 13-2656671/003****Schedule SB, Line 32– Schedule of Amortization Bases**

Type of Base	Present Value of Remaining Installments as of January 1, 2019	Date Established	Remaining Installments	Shortfall Amortization Installment
Shortfall	(\$2,133,373)	1/1/2019	7	(\$337,656)
Shortfall	\$9,005,592	1/1/2018	6	\$1,632,518
Shortfall	\$1,533,745	1/1/2017	5	\$327,746
Shortfall	\$11,628,899	1/1/2016	4	\$3,052,541

Covia Holdings Corporation Pension Plan

EIN / PN: 13-2656671/003

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

This table calculates the weighted average retirement age for all active persons in the plan

(1) Age	(2) Expected Active Headcount	(3) Retirement Rate	(4) Expected Retirements (2)*(3)	(5) Weighted Age (1)*(4)
60	314.2192	0.0211	6.6352	398.1127
61	329.6111	0.0417	13.7571	839.1851
62	326.0860	0.1813	59.1294	3,666.0200
63	274.4634	0.0488	13.3870	843.3797
64	269.6435	0.0493	13.2886	850.4704
65	267.7583	0.9927	265.8077	17,277.5031
66	7.9405	1.0000	7.9405	524.0702
67	1.0000	1.0000	1.0000	67.0000
68	2.0000	1.0000	2.0000	136.0000
69	2.0000	1.0000	2.0000	138.0000
70	1.0000	1.0000	1.0000	70.0000
71	1.0000	1.0000	1.0000	71.0000
72	2.0000	1.0000	2.0000	144.0000
73	1.0000	1.0000	<u>1.0000</u>	<u>73.0000</u>
Total			389.9455	25,097.7413
Weighted Average Retirement Age = 25097.7413 / 389.9455				64.36
Rounded Weighted Average Retirement Age				64

Note to Column 2: The Expected Active Headcount for each age includes persons who are eligible to retire and persons who are not eligible to retire at each age.

Note to Column 3: At each age, these retirement rates are a weighted average of the rates shown in Attachment to Part V for active participants eligible to retire at the age and zero for all other active participants.

General note: The table presents values rounded to fewer significant digits than used in the calculation.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions

Plan Provisions - Group B - Hourly Employees at Utica, Illinois

Effective Date

The effective date is January 1, 1971.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Utica, Illinois who is represented by local No. 422, United Glass & Ceramic Workers of America on the first of the month coincident with or following date of hire. The plan is closed to new entrants effective August 19, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a full year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	\$40.50 x benefit service
Effective January 1, 2017:	\$39.50 x benefit service
Effective January 1, 2016:	\$38.50 x benefit service
Effective January 1, 2015:	\$37.50 x benefit service
Effective January 1, 2014:	\$36.50 x benefit service
Effective January 1, 2013:	\$36.00 x benefit service
Effective January 1, 2012:	\$35.50 x benefit service
Effective January 1, 2011:	\$34.50 x benefit service
Effective January 1, 2010:	\$33.50 x benefit service
Effective January 1, 2009:	\$32.50 x benefit service
Effective January 1, 2008:	\$32.00 x benefit service

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group B - Hourly Employees at Utica, Illinois (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 7.2% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement

Disability Benefits

Eligibility

Fifteen years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group B - Hourly Employees at Utica, Illinois (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

A salaried, non-union employee enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The Qualified plan is closed to new entrants effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Compensation

Annual wage of salary paid to an employee while a participant of the plan excluding bonuses, overtime and commissions; the Qualified Plan limits to pay to \$275,000, as indexed. The Restoration Plan covers accruals on pay in excess of the \$275,000 indexed limit. The salary is frozen effective December 31, 2018.

Final Average Compensation

The highest five consecutive calendar years of the last 10 years' compensation (excluding bonuses, overtime and commissions) prior to termination.

Covered Compensation

The average of the taxable wage base in effect for each calendar year during the 35-year period ending with the last day of the calendar year in which the participant attains his social security retirement age.

Benefit Service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Former employees of the following locations shall have benefit service credited from the date of incorporation into Covia Holdings.

Marston, North Carolina	January 1, 1983
Martin Marietta	September 23, 1983
Blue Diamond	February 28, 1986
Tammsco	June 30, 1986
Mid-Continent	September 25, 1986
International Minerals and Chemical Corp.	December 4, 1986
Guion	January 1, 1989
Illinois Minerals Co.	October 12, 1989
Georgia Kaolin Co., Inc.	October 12, 1989
Aimcor	April 29, 1999
The Morie Co	December 13, 1996
WHIBCO	July 16, 1997

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees (continued)

United Clay	September 1, 1999
Albion Kaolin Company	May 25, 2000
OI STS Inc.	November 1, 2000

Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen for all salaried employees effective December 31, 2018.

Vesting Service

All service from date of hire including service earned with predecessor employer.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

For benefit service up to 10 years:

1% of final average earnings up to covered compensation plus 1.5% of final average earnings in excess of covered compensation, multiplied by the years of benefit service (but not more than 10); plus

For benefit service over 10 years up to 35 years:

1.25% of final average compensation up to covered compensation plus 1.75% of final average compensation in excess of covered compensation, multiplied by the years of benefit service; plus

Prior plan benefits; or

The minimum benefit: \$10 x 12 x (benefit service plus prior plan service), or for Utica Salaried employees, the benefit earned to December 31, 1988.

For employees affected by the \$170,000 pay limited (indexed), the Qualified Plan benefit will not be less than the accrued benefit as of 12/31/93 plus post-1993 accruals with pay limited to \$170,000 (indexed).

Early Retirement Benefits

Eligibility

Age 60 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings (if applicable) as of the date of retirement - unreduced if payable after the attainment of age 62; or reduced by 5% for each year by which the commencement date of the benefit precedes the attainment of age 62.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service and earnings as of the date of retirement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group C - Salaried Employees (continued)

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A lump sum value of the accrued benefit is payable.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia

Effective Date

The effective date is January 1, 1977.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Gore, Virginia enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008. The plan is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2012:	\$29.50 x benefit service after 1979
Effective January 1, 2011:	\$29.00 x benefit service after 1979
Effective January 1, 2010:	\$28.50 x benefit service after 1979
Effective January 1, 2009:	\$27.50 x benefit service after 1979
Effective January 1, 2008:	\$26.50 x benefit service after 1979
Effective January 1, 2007:	\$26.00 x benefit service after 1979
Effective January 1, 2005:	\$25.00 x benefit service after 1979
Effective January 1, 2003:	\$24.00 x benefit service after 1979
Effective January 1, 2001:	\$23.00 x benefit service after 1979
Effective January 1, 2000:	\$22.00 x benefit service after 1979

Plus

For all service before 1980:	\$4.00 x benefit service before 1980
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Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings (if applicable) as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service and earnings at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group D - Hourly Employees at Gore, Virginia (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey

Effective Date

The effective date is January 1, 1981.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Dividing Creek, New Jersey enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	\$35.50 x benefit service
Effective January 1, 2016:	\$35.00 x benefit service
Effective January 1, 2013:	\$34.50 x benefit service
Effective January 1, 2012:	\$34.00 x benefit service
Effective January 1, 2011:	\$33.50 x benefit service
Effective January 1, 2010:	\$33.00 x benefit service
Effective January 1, 2009:	\$32.00 x benefit service
Effective January 1, 2008:	\$31.00 x benefit service
Effective January 1, 2007:	\$30.00 x benefit service
Effective January 1, 2006:	\$29.00 x benefit service
Effective January 1, 2005:	\$27.00 x benefit service
Effective January 1, 2004:	\$26.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey
(continued)**

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group E - Hourly Employees at Dividing Creek, New Jersey
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group F - Hourly Employees at Marston, North Carolina

Effective Date

The effective date is January 1, 1983.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Marston, North Carolina enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since later of date of hire or January 1, 1983. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$35.50 x benefit service
Effective January 1, 2016:	\$35.00 x benefit service
Effective January 1, 2015:	\$34.50 x benefit service
Effective January 1, 2014:	\$34.00 x benefit service
Effective January 1, 2013:	\$33.50 x benefit service
Effective January 1, 2012:	\$33.00 x benefit service
Effective January 1, 2011:	\$33.00 x benefit service
Effective January 1, 2010:	\$32.50 x benefit service
Effective January 1, 2009:	\$32.00 x benefit service
Effective January 1, 2008:	\$30.00 x benefit service
Effective January 1, 2007:	\$28.00 x benefit service
Effective January 1, 2006:	\$27.00 x benefit service
Effective January 1, 2005:	\$26.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group F - Hourly Employees at Marston, North Carolina
(continued)**

Effective January 1, 2004: \$24.50 x benefit service

Early Retirement Benefits

Eligibility

Age 60 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit — based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group F - Hourly Employees at Marston, North Carolina
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California

Effective Date

The effective date is January 1, 1988. The plant was sold on August 25, 2011.

Date Last Amended

The last amended date was January 1, 2011.

Eligibility for Participation

An employee located at Byron, California enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2011:	\$36.00 x benefit service
Effective January 1, 2010:	\$35.00 x benefit service
Effective January 1, 2009:	\$33.00 x benefit service
Effective January 1, 2008:	\$31.00 x benefit service
Effective January 1, 2005:	\$29.00 x benefit service
Effective January 1, 2004:	\$24.00 x benefit service
Effective January 1, 2003:	\$22.50 x benefit service
Effective January 1, 2001:	\$21.50 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California (continued)

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service, and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group G - Hourly Employees at Byron, California (continued)

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants

Effective Date

The effective date is September 23, 1983.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Portage, Wisconsin; Festus/Pevely, Missouri; Oregon, Illinois; Michigan City, Indiana or Bridgeman, Michigan facilities enters the plan on the January 1 or July 1 on or after date of hire. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to non-union rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service from date of hire not exceeding 35 years (37 years effective 8/1/99). No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Former employees of Martin Marietta will have service credited from date of hire with prior employer. Benefit service ceased for the employees at Portage on December 31, 2002 and at Oregon on December 31, 2001. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Former employees of Martin Marietta will have service credited from date of hire with prior employer.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A unit of benefit for each year of benefit service where a unit is defined as below for each location.

Maximum of 35 years of benefit service credited.

Location	Effective Date	Unit	Location	Effective Date	Unit
Portage	August 1, 2000	\$ 25.00	Festus/Pevely	January 1, 2013	\$ 33.00
Bridgeman	January 1, 1988	\$ 12.50	(continued)	January 1, 2011	\$ 32.50
Michigan City	January 1, 1988	\$ 12.50		January 1, 2010	\$ 31.50
Festus/Pevely	January 1, 2017	\$ 34.00	Oregon	January 1, 2001	\$ 24.50
	January 1, 2015	\$ 33.50		January 1, 2000	\$ 23.50

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants
(continued)**

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit -- based on benefit service at disability -- without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group H - Hourly Employees at Industrial Sands Plants
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Lugoff, South Carolina enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or January 1, 1984. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service since date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	\$32.50 x benefit service
Effective January 1, 2014:	\$32.00 x benefit service
Effective January 1, 2012:	\$31.50 x benefit service
Effective January 1, 2011:	\$31.00 x benefit service
Effective January 1, 2010:	\$30.50 x benefit service
Effective January 1, 2009:	\$29.50 x benefit service
Effective January 1, 2008:	\$28.50 x benefit service
Effective January 1, 2007:	\$28.00 x benefit service
Effective January 1, 2006:	\$27.00 x benefit service
Effective January 1, 2005:	\$26.50 x benefit service
Effective January 1, 2004:	\$25.50 x benefit service
Effective January 1, 2003:	\$24.50 x benefit service
Effective January 1, 2002:	\$23.50 x benefit service
Effective January 1, 2001:	\$21.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina
(continued)**

Effective January 1, 2000: \$19.50 x benefit service

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service; and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group I - Hourly Employees at Lugoff, South Carolina
(continued)**

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2019.

Eligibility for Participation

An employee located at Emmett, Idaho enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective January 1, 2010.

Definitions

Benefit service

Completed months of service from the later of January 1, 1984 or date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2019:	\$36.50 x benefit service
Effective January 1, 2018:	\$36.00 x benefit service
Effective January 1, 2017:	\$35.00 x benefit service
Effective January 1, 2016:	\$34.00 x benefit service
Effective January 1, 2015:	\$33.00 x benefit service
Effective January 1, 2013:	\$32.00 x benefit service
Effective January 1, 2012:	\$30.00 x benefit service
Effective January 1, 2011:	\$29.50 x benefit service
Effective January 1, 2010:	\$28.00 x benefit service
Effective January 1, 2009:	\$26.00 x benefit service
Effective January 1, 2007:	\$24.00 x benefit service
Effective January 1, 2005:	\$22.00 x benefit service
Effective January 1, 2004:	\$20.00 x benefit service
Effective January 1, 2001:	\$17.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho (continued)

Early Retirement Benefits

Eligibility for Basic Benefits

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Eligibility for Special Benefits

Participant has attained age 55 and completed 25 years of vesting service, and

The termination is due to a plant shutdown, or elimination of job position, i.e., not due to discharge for cause.

Special Early Retirement Benefits

Participants who become eligible will receive their early retirement benefit as noted above but without reduction for early commencement.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group J - Hourly Employees at Emmett, Idaho (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Troy Grove, Illinois enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective November 1, 2017.

Definitions

Benefit service

Completed months of service from later of January 1, 1984 or date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2018:	\$35.00 x benefit service
Effective January 1, 2017:	\$34.50 x benefit service
Effective January 1, 2016:	\$34.00 x benefit service
Effective January 1, 2015:	\$33.50 x benefit service
Effective January 1, 2014:	\$32.50 x benefit service
Effective January 1, 2013:	\$31.00 x benefit service
Effective January 1, 2012:	\$29.50 x benefit service
Effective January 1, 2011:	\$28.00 x benefit service
Effective January 1, 2010:	\$26.50 x benefit service
Effective January 1, 2008:	\$26.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

Four years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group K - Hourly Employees at Troy Grove, Illinois (continued)

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be the actuarial equivalent of a ten-year certain and continuous life annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas

Effective Date

The effective date is January 1, 1984.

Date Last Amended

The last amended date was January 1, 2018.

Eligibility for Participation

An employee located at Cleburne, Texas enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective September 1, 2017.

Definitions

Benefit service

Completed months of service from date of hire not exceeding 35 years. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall earn a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

As follows, less the actuarial equivalent of the prior plan accrued benefit as of December 31, 1983.

Effective January 1, 2018: \$39.00 x benefit service

Effective January 1, 2017: \$38.00 x benefit service

Effective January 1, 2016: \$37.00 x benefit service

Effective January 1, 2015: \$36.00 x benefit service

Effective January 1, 2014: \$35.00 x benefit service

Effective January 1, 2013: \$34.00 x benefit service

Effective January 1, 2009: \$33.00 x benefit service

Maximum of 35 years of benefit service for those hired on or after January 1, 1983.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

Four years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group L - Hourly Employees at Cleburne, Texas (continued)

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group M - Hourly Employees at Kasota, Minnesota

Effective Date

The effective date is January 1, 1985.

Date Last Amended

The last amended date was June 1, 2000.

Eligibility for Participation

An employee located at Kasota, Minnesota enters the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service.

Definitions

Benefit service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year shall be credited with a year of benefit service for that particular plan year with a fractional service for completed months. Benefit service is frozen as of June 1, 2000.

Vesting service

All service from date of hire. Employees who complete 1,000 or more hours of service in any plan year shall be credited with a year of vesting service for that particular plan year.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective June 1, 2000: Benefits were frozen. Future benefits are provided under a Steelworkers multiemployer plan.

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group M - Hourly Employees at Kasota, Minnesota (continued)

Disability Benefits

Eligibility

No service requirement

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina

Effective Date

The effective date is April 1, 1982.

Date Last Amended

The last amended date was January 1, 2015.

Eligibility for Participation

A Quartz employee represented by local #436, United Textile Workers of America located at Spruce Pines, North Carolina enters the plan on his date of hire. The plan is closed to new entrants effective April 9, 2010.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service in a plan year shall earn a full year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2015:	\$35.00 x benefit service
Effective January 1, 2014:	\$34.50 x benefit service
Effective January 1, 2013:	\$34.00 x benefit service
Effective January 1, 2012:	\$33.00 x benefit service
Effective January 1, 2011:	\$32.50 x benefit service
Effective January 1, 2009:	\$32.00 x benefit service
Effective January 1, 2008:	\$31.50 x benefit service
Effective January 1, 2007:	\$30.50 x benefit service

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina (continued)

Early Retirement Benefits

Eligibility

Age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of benefit service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group O - Hourly Quartz Employees at Spruce Pine, North Carolina (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma

Effective Date

The effective date is January 1, 1987.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Roff, Oklahoma enters the plan on the January 1 or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or January 1, 1987. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	\$28.00 x benefit service
Effective January 1, 2014:	\$27.50 x benefit service
Effective January 1, 2011:	\$27.00 x benefit service
Effective January 1, 2010:	\$26.50 x benefit service
Effective January 1, 2009:	\$24.50 x benefit service
Effective January 1, 2008:	\$23.50 x benefit service
Effective January 1, 2007:	\$22.00 x benefit service
Effective January 1, 2006:	\$21.00 x benefit service
Effective January 1, 2005:	\$20.00 x benefit service
Effective January 1, 2004:	\$19.00 x benefit service
Effective January 1, 2003:	\$18.50 x benefit service
Effective January 1, 2002:	\$18.00 x benefit service
Effective January 1, 2001:	\$17.50 x benefit service
Effective January 1, 2000:	\$17.00 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group P - Hourly Employees at Roff, Oklahoma (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas

Effective Date

The effective date is January 1, 1989.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Guion, Arkansas enters the plan on the January 1 or July 1 after he has completed at least one year of service, including service with Silica Products Co. Inc. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since later of date of hire or January 1, 1989. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Silica Products Co. Inc. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$24.50 x benefit service
Effective January 1, 2015:	\$24.00 x benefit service
Effective January 1, 2011:	\$23.50 x benefit service
Effective January 1, 2010:	\$23.00 x benefit service
Effective January 1, 2009:	\$22.50 x benefit service
Effective January 1, 2008:	\$21.00 x benefit service
Effective January 1, 2007:	\$20.00 x benefit service
Effective January 1, 2006:	\$19.00 x benefit service
Effective January 1, 2004:	\$18.00 x benefit service
Effective January 1, 2003:	\$17.00 x benefit service
Effective January 1, 2002:	\$16.50 x benefit service
Effective January 1, 2001:	\$16.00 x benefit service
Effective January 1, 2000:	\$15.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group Q - Hourly Employees at Guion, Arkansas (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma

Effective Date

The effective date is March 1, 1990. The plant was sold on June 29, 2011.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at Mill Creek, Oklahoma enters the plan on the January 1 or July 1 after he has completed at least one year of service, including service with Delta Mining Company. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or March 1, 1990. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Delta Mining Company. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2011:	\$25.00 x benefit service
Effective January 1, 2010:	\$24.50 x benefit service
Effective January 1, 2009:	\$23.50 x benefit service
Effective January 1, 2008:	\$22.50 x benefit service
Effective January 1, 2007:	\$21.50 x benefit service
Effective January 1, 2006:	\$20.50 x benefit service
Effective January 1, 2005:	\$20.00 x benefit service
Effective January 1, 2004:	\$19.50 x benefit service
Effective January 1, 2003:	\$19.00 x benefit service
Effective January 1, 2002:	\$18.50 x benefit service
Effective January 1, 2001:	\$18.00 x benefit service
Effective January 1, 2000:	\$17.50 x benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma
(continued)**

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

No service requirement.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group R - Hourly Employees at Mill Creek, Oklahoma
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina

Effective Date

The effective date is May 1, 1991.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly Crystal plant employee located at Spruce Pine, North Carolina enters the plan on the January 1 or July after he has completed 1 year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or May 1, 1991. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire with Silica Products Co. Inc. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2016:	\$34.00 x benefit service
Effective January 1, 2014:	\$33.50 x benefit service
Effective January 1, 2012:	\$33.00 x benefit service
Effective January 1, 2011:	\$32.50 x benefit service
Effective January 1, 2010:	\$32.00 x benefit service
Effective January 1, 2009:	\$30.00 x benefit service
Effective January 1, 2008:	\$28.00 x benefit service
Effective January 1, 2007:	\$26.00 x benefit service
Effective January 1, 2004:	\$25.00 x benefit service

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina (continued)

Early Retirement Benefits

Eligibility

Age 62 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement – reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

Fifteen years of benefit service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement:

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement:

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group S - Hourly Crystal Employees at Spruce Pine, North Carolina (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities

Effective Date

The effective date is April 29, 1994 (merged into Covia Holdings Pension Plan effective November 28, 1994). The Green Mountain plant was sold on July 29, 2011. The Hamilton and Aurora plants were closed on December 30, 2011.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An employee located at Archbold or Wadsworth, Ohio; Belvidere, Illinois; Green Mountain, North Carolina; Hamilton, Washington; Caldwell, Idaho; Aurora, Indiana or Aberdeen, Mississippi facilities enters the plan on his date of hire. The plan is closed to non-union hourly employees effective January 1, 2008. The Green Mountain (W) plan is closed effective March 6, 2010. The plan is closed to non-union rehires and transfers effective April 15, 2017.

Definitions

Benefit Service

Years of service shall equal service with Covia Holdings and credited service under the following plans of AIMCOR:

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #20 IBT (Archbold Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #325 IBT (Belvidere Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #1510 UTW (Green Mountain Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #788 IBT (Hamilton Plan)

- Retirement Plan for Hourly Employees of Applied Industrial Materials Corporation Represented by Local #510 IBT (Wadsworth Plan)

- Retirement Plan for Non-Union Hourly Employees of Applied Industrial Materials Corporation (Non-Union Plan)

The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting Service

All service from date of hire, including service with Aimcor.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A unit of benefit for each year of benefit service where a unit is defined as below for each location.

Group	Location	Effective Date	Unit
T	Archbold	January 1, 2007	\$28.00
		January 1, 2006	27.00
		January 1, 2005	26.00
		January 1, 2004	25.00
		January 1, 2003	24.00
		January 1, 2002	23.50
		January 1, 2001	23.00
		January 1, 2000	22.00
V	Belvidere	January 1, 2008	\$31.50
		January 1, 2007	30.50
		January 1, 2006	29.50
		January 1, 2005	29.00
		January 1, 2004	27.50
		January 1, 2002	26.50
		For service prior to June 30, 1979	8.00
W	Green Mountain	January 1, 2012	\$31.50
		January 1, 2011	31.00
		January 1, 2010	30.00
		January 1, 2009	29.00
		January 1, 2008	28.50
		January 1, 2007	28.00
		January 1, 2006	27.50
		January 1, 2004	27.00
		January 1, 2000	24.00
X	Hamilton	January 1, 2013	\$34.50
		January 1, 2012	33.50
		January 1, 2011	32.00
		January 1, 2010	31.00
		January 1, 2009	29.50
		January 1, 2008	28.50
		January 1, 2007	27.00
		January 1, 2006	25.00

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Group	Location	Effective Date	Unit
U	Wadsworth	September 1, 2006	\$33.50
		January 1, 2006	31.00
		January 1, 2003	29.00
Y	Aurora	January 1, 2012	\$23.00
		January 1, 2011	22.50
		January 1, 2010	22.00
		January 1, 2009	21.00
		January 1, 2008	20.00
		January 1, 2004	19.00
		January 1, 2002	18.50
		January 1, 2001	18.00
		January 1, 2000	17.50
Y	Aberdeen	November 1, 1986 ¹	15.00
		January 1, 2006	\$21.00
		January 1, 2005	20.50
		January 1, 2004	20.00
		January 1, 2003	19.50
		January 1, 2002	19.00
		January 1, 2001	18.50
		November 1, 1986 ¹	15.00

Early Retirement Benefits

Group	Location	Eligibility	Unreduced	Reduced
T	Archbold	Age 55	None	Actuarially
V	Belvidere	Age 55	None	6.00% per year
W	Green Mountain	Age 55 + 10 years vesting service	None	Actuarially
X	Hamilton	Age 55 + 10 years vesting service	62 + 30 years of service	Actuarially
U	Wadsworth ²	Age 55	None	Actuarially
Y	Non-Union	Age 55 + 10 years vesting service	None	Actuarially

¹ No service credit is granted before this date.

² 6% per year from age 65 for retirees age 62 with 30 years of service.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits¹

Group	Location	Eligibility	Monthly Benefit
V	Belvidere	15 years of vesting service	Normal retirement benefit without reduction
W	Green Mountain	10 years of vesting service	Normal retirement benefit without reduction
U	Wadsworth	25 years of vesting service	Normal retirement benefit without reduction

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

¹ Group T, X, Y do not offer disability benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Groups T-Y - Hourly Employees Employed at Aimcor Facilities
(continued)**

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75% or 100% joint and survivor annuity.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill

Effective Date

The effective date is October 29, 1996.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at the Red Hill facility enters the plan on the nearest January 1 or July 1 after completing at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or October 29, 1996. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or October 29, 1996 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017	\$38.50 x benefit service
Effective January 1, 2015	\$38.00 x benefit service
Effective January 1, 2013	\$37.50 x benefit service
Effective January 1, 2011	\$37.00 x benefit service
Effective January 1, 2010	\$36.00 x benefit service
Effective January 1, 2009	\$35.50 x benefit service
Effective January 1, 2008	\$33.50 x benefit service
Effective January 1, 2007	\$32.50 x benefit service
Effective January 1, 2006	\$31.00 x benefit service
Effective January 1, 2005	\$30.00 x benefit service
Effective January 1, 2004	\$28.00 x benefit service

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill (continued)

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group AA - Hourly Employees at Red Hill (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine

Effective Date

The effective date is September 6, 1996.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee enters the plan January 1 or July 1 following completion of one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or September 6, 1996. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or September 6, 1996 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Schoolhouse Quartz

Effective January 1, 2017:	\$38.50 x benefit service
Effective January 1, 2015:	\$38.00 x benefit service
Effective January 1, 2012:	\$37.50 x benefit service
Effective January 1, 2011:	\$37.00 x benefit service
Effective January 1, 2010:	\$36.00 x benefit service
Effective January 1, 2009:	\$35.50 x benefit service
Effective January 1, 2008:	\$33.50 x benefit service
Effective January 1, 2007:	\$32.50 x benefit service
Effective January 1, 2006:	\$31.00 x benefit service
Effective January 1, 2005:	\$30.00 x benefit service
Effective January 1, 2004:	\$28.00 x benefit service
Effective January 1, 2003:	\$27.00 x benefit service

Covia Holdings Corporation Pension Plan

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Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine (continued)

Effective January 1, 2002:	\$26.00 x benefit service
Effective January 1, 2001:	\$25.50 x benefit service
Spruce Pine	
Effective January 1, 2018:	\$38.50 x benefit service
Effective January 1, 2016:	\$38.00 x benefit service
Effective January 1, 2013:	\$37.50 x benefit service
Effective January 1, 2012:	\$37.00 x benefit service
Effective January 1, 2011:	\$36.00 x benefit service
Effective January 1, 2010:	\$35.50 x benefit service
Effective January 1, 2009:	\$34.00 x benefit service
Effective January 1, 2008:	\$32.50 x benefit service
Effective January 1, 2007:	\$31.00 x benefit service
Effective January 1, 2006:	\$30.00 x benefit service
Effective January 1, 2005:	\$28.00 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group BB - Hourly Employees at Schoolhouse Quartz and Spruce Pine (continued)

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas

Effective Date

The effective date is March 17, 1997.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly Voca plant employee located at Voca, Texas enters the plan on January 1, or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or March 17, 1997. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire or March 17, 1997 if later. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$22.50 x benefit service
Effective January 1, 2015:	\$22.00 x benefit service
Effective January 1, 2013:	\$21.50 x benefit service
Effective January 1, 2011:	\$21.00 x benefit service
Effective January 1, 2009:	\$19.00 x benefit service
Effective January 1, 2008:	\$17.50 x benefit service
Effective January 1, 2007:	\$16.50 x benefit service
Effective January 1, 2005:	\$15.50 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement precedes normal retirement date.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas (continued)

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

10 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement:

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group CC - Hourly Employees of Voca, Texas (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly

Effective Date

The effective date is April 1, 1971 (merged into the Covia Holdings Pension Plan effective December 31, 1996).

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee enters the plan on the January 1 or July 1 after he has completed at least one year of vesting service at the Georgia Silica Division or Alabama Silica Division. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of benefit service, with partial credit for a year of less than 1,000 hours. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

Continuous service from date of hire. An employee who completes 1,000 hours of service shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service

Monthly Benefit

A unit of benefit for each year of benefit service¹ where a unit is defined as below for each location.

Alabama Silica

January 1, 2011	\$27.50
January 1, 2010	27.00
January 1, 2009	25.50
January 1, 2008	24.50
January 1, 2007	23.50
January 1, 2006	22.50
January 1, 2005	21.50
January 1, 2004	20.50
January 1, 2003	20.00
January 1, 2002	19.50
January 1, 2001	19.00
January 1, 2000	18.50

Georgia Silica

January 1, 2011	\$27.50
January 1, 2010	27.00
January 1, 2009	25.50
January 1, 2008	24.50
January 1, 2007	23.50
January 1, 2006	22.50
January 1, 2005	21.50
January 1, 2004	20.50
January 1, 2003	20.00
January 1, 2002	19.50
January 1, 2001	19.00
January 1, 2000	18.50

¹ No service credited before April 1, 1971.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly (continued)

Early Retirement Benefits

Eligibility

Age 55 with 20 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - actuarially reduced for each year that retirement precedes normal retirement date.

Late Retirement Benefits

Eligibility

After age 65.

Monthly Benefit

Benefit based on service as of the date of retirement or, if greater, the normal retirement benefit actuarially increased for deferral past normal retirement.

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

Age 50 with 10 years of benefit service and eligible for Social Security disability benefits.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - without reduction for early commencement of benefits.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected with the exclusion of 87 employees eligible for a \$750 lump sum benefit.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group EE - Hourly Employees Employed at Tuscaloosa and Junction City Hourly (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

10 years certain and continuous if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be to the actuarial equivalent of a ten year certain and continuous annuity.

Life annuity.

50% or 75% joint and survivor annuity.

Level income option.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana; Van Horn, Texas; and Troup, Texas

Effective Date

The effective date is September 1, 1999.

Date Last Amended

The last amended date was December 31, 2018.

Eligibility for Participation

An hourly employee located at Huntingburg, Indiana; Van Horn, Texas; or Troup, Texas enters the plan on the January 1 or July 1 after he has completed at least one year of service. The plan is closed to non-union hourly employees effective January 1, 2008, and it is closed to rehires and transfers effective April 15, 2017.

Definitions

Benefit service

Completed months of service since the later of date of hire or September 1, 1999. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination. The benefit is frozen to non-union hourly employees effective December 31, 2018.

Vesting service

All service from date of hire. Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Troup

Effective January 1, 2017	\$27.00 x benefit service
Effective January 1, 2013	\$26.50 x benefit service
Effective January 1, 2012:	\$26.00 x benefit service
Effective January 1, 2010:	\$25.00 x benefit service
Effective January 1, 2009:	\$24.00 x benefit service
Effective January 1, 2008:	\$23.00 x benefit service
Effective January 1, 2006:	\$22.00 x benefit service

Van Horn

Effective January 1, 2002:	\$21.50 x benefit service
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Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana;
Van Horn, Texas; and Troup, Texas (continued)**

Huntingburg

Effective January 1, 2017:	\$26.50 x benefit service
Effective January 1, 2015:	\$26.00 x benefit service
Effective January 1, 2013:	\$25.50 x benefit service
Effective January 1, 2011:	\$25.00 x benefit service
Effective January 1, 2009:	\$24.00 x benefit service
Effective January 1, 2008:	\$23.00 x benefit service
Effective January 1, 2006:	\$22.00 x benefit service
Effective January 1, 2002:	\$21.50 x benefit service

Early Retirement Benefits

Eligibility for Basic Benefits

Age 62 with 10 years of vesting service.

Basic Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by 6% for each year that retirement proceeds normal retirement date.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement

In-Service Benefits

Effective as of 1/1/2014, non-union employees who attain age 65 and completed 35 years of service may elect to receive his/her vested normal retirement benefit while in active service.

Disability Benefits

Eligibility

15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability - with reduction for early commencement of benefits.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group FF - Hourly Employees of Huntingburg, Indiana;
Van Horn, Texas; and Troup, Texas (continued)**

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

10 years certain and continuous.

50%, 75%, or 100% joint and survivor annuity.

Lump sum (for benefits accrued after 1/1/94 only for retirement (normal, early or disability), or a vested termination with age plus service greater than 70).

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia

Effective Date

The effective date of the prior plan is January 1, 1969.

Date Last Amended

The last amended date was January 1, 2010.

Eligibility for Participation

An employee located at McIntyre, Georgia enter the plan on the January 1 or July 1 after he has attained age 21 and completed at least one year of service. The plan is closed to new entrants effective January 1, 2010.

Definitions

Compensation

Annual wages or salary paid including Section 401(k) and Section 125 salary deferrals to an employee while a participant of the plan including overtime, commissions but excluding bonuses. The Qualified Plan limits pay to \$275,000, as indexed.

Final Average Compensation

Average of the highest five consecutive calendar years of the last 10 calendar years compensation (as defined herein) prior to termination.

Covered Compensation

The average of the taxable wage base in effect for each calendar year during the 35 year period ending with the last day of the calendar year in which the participant attains his social security retirement age.

Vesting Service

For service prior to January 1, 1976, years and months of continuous service is credited from date of employment. For service on or after January 1, 1976, one Year of Service is credited for each calendar year with at least 1,000 hours of service.

Benefit Service

A participant is credited with one year of service for each calendar year with at least 1,000 hours beginning with the plan year in which he becomes an eligible participant. A participant that enters the plan on July 1 will be credited with 1 year for that plan year if he works 500 hours.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

1.2% of final average earnings plus 0.3% of final average earnings in excess of covered compensation, multiplied by the years of benefit service up to 35 years.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia (continued)

Early Retirement Benefits

Eligibility

Age 55 with 15 years of vesting service.

Monthly Benefit

The accrued benefit reduced by 0.4% for each month between ages 55 and 57 and 0.25% for each month between ages 57 and 65.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on benefit service and earnings as of the date of retirement.

Disability Benefits

Eligibility

5 years of vesting service.

Monthly Benefit

The benefit is equal to the actuarial equivalent of the accrued benefit.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group GG - Employees at McIntyre, Georgia (continued)

Forms of Payment

Normal Form

Life annuity if single; actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

5 and 10 years certain and continuous annuity.

75% joint and survivor annuity.

Lump sum if value is less than \$8,500.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia

Effective Date

The effective date of the prior plan is January 1, 1985.

Date Last Amended

The last amended date was January 1, 2017.

Eligibility for Participation

An hourly employee located at Hephzibah, Georgia enters the plan on the January 1 or July 1 after he has attained 21 and completed at least one year of service. An employee with one year of service as of June 20, 2000 automatically enters the plan. The plan is closed to new entrants effective January 1, 2009.

Definitions

Benefit service

Full years of employment with Babcock and Wilcox Company prior to January 1, 1985 and years and months of employment with United Catalysts, Inc. after January 1, 1985 are included.

Vesting service

Employees who complete at least 1,000 hours of service in any plan year will be credited for a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

Effective January 1, 2017:	\$28.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2015:	\$27.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2009:	\$27.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2008:	\$26.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2007:	\$25.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2006:	\$24.50 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2005:	\$24.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service
Effective January 1, 2004:	\$23.00 x benefit service (after January 1, 1985), maximum 35 years of benefit service

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia
(continued)**

Effective January 1, 2003: \$22.50 x benefit service (after January 1, 1985), maximum 35 years of
benefit service

Plus

\$1.00 x benefit service prior to January 1, 1985

Early Retirement Benefits

Eligibility

Earlier of age 62 with 10 years of benefit service or age 55 with 15 years of vesting service.

Monthly Benefit

The normal retirement benefit - based on benefit service as of the date of retirement - reduced by .40% for each month between early retirement and age 62.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit, but participant continues to earn benefit service until late retirement date.

Disability Benefits

Eligibility

10 years of vesting service and eligible for Social Security disability benefit.

Monthly Benefit

The normal retirement benefit - based on benefit service at disability date - without reduction for early commencement.

Death Benefits

Eligibility

Five years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse at the earliest date the deceased member would have been eligible to retire provided that the member died after attaining a vested right to a plan benefit.

Post-Retirement

No death benefit other than those provided by the form of benefit payment selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

**Plan Provisions - Group HH - Hourly Employees of Hephzibah, Georgia
(continued)**

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination - payable at the normal retirement age or payable upon eligibility for early retirement but reduced for early commencement.

Forms of Payment

Normal Form

Life annuity if single. If participant dies between ages 65 and 70, payments continue to beneficiary until participant would have been 70. Actuarial equivalent 50% joint and survivor if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

50%, 75% and 100% joint and survivor annuity.

Life annuity.

If participant dies between ages 65 and 70, payments continue to beneficiary until participant would have been 70.

Covia Holdings Corporation Pension Plan

EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Lone, California

Effective Date

The effective date of the prior plan is September 23, 1983. The plant was closed on November 1, 2013.

Date Last Amended

The last amended date was January 1, 2014.

Eligibility for Participation

An hourly employee at lone, California enters the plan on the January 1 or July 1 after he has completed at least one year of service.

Definitions

Benefit service

Completed months of service from date of hire. No credit is given for plan years in which less than 1,000 hours of service is completed, with the exclusion of the years of hire and termination.

Vesting service

Employees who complete 1,000 hours of service in a plan year shall earn a year of vesting service.

Normal Retirement Benefits

Eligibility

Age 65 and five years of vesting service.

Monthly Benefit

A monthly unit of benefit for each year of benefit service as defined below for each labor grade.

Section 1.02	Labor Grade	Effective Date	Unit
1-10		January 1, 2014	\$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2003	37.00
		April 1, 2001	35.00
		April 1, 2000	34.00
11 - 15		January 1, 2014	\$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2003	37.00
		April 1, 2001	36.00
		April 1, 2000	35.00

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Lone, California (continued)

Section 1.02	Labor Grade	Effective Date	Unit
16 and above		January 1, 2014	\$51.00
		January 1, 2009	48.00
		January 1, 2008	41.00
		April 1, 2005	40.00
		April 1, 2001	37.00
		April 1, 2000	36.00

Early Retirement Benefits

Eligibility

Later of age 60 or age 55 with 10 years of vesting service.

Monthly Benefit

The normal retirement benefit – based on benefit service as of the date of retirement – reduced by 0.50% for each month prior to age 60. However, an employee age 55 with 30 years of benefit service or who is between the ages of 60 and 65 may retire with no reduction. If plant closing, unreduced at age 55 with 10 years of benefit service or 30 years of benefit service.

Late Retirement Benefits

Eligibility

After age 65 and five years of vesting service.

Monthly Benefit

Same as the normal retirement benefit based on service as of the date of retirement.

Disability Benefits

Eligibility

10 years of benefit service and eligible for Social Security Disability Benefits.

Monthly Benefit

The normal retirement benefit — based on benefit service at disability date.

Death Benefits

Eligibility

Age 45 and 10 years of vesting service.

Basic Monthly Benefit

Pre-Retirement

A 50% qualified joint and survivor annuity is payable to a surviving spouse the first day of the month following the date of death of the participant.

Post-Retirement

No death benefit other than those provided by the form of benefit payments selected.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Plan Provisions - Group II - Hourly Employees at Lone, California (continued)

Termination Benefits

Eligibility

Five years of vesting service.

Monthly Benefits

The participant's normal retirement benefits - based on benefit service at the date of termination -payable at the normal retirement age or payable upon eligibility for early retirement but reduced .5% for each month prior to normal retirement date for early commencement.

Forms of Payment

Normal Form

Life annuity with 72 months certain if single; actuarial equivalent 50% joint and survivor with 72 months certain if married.

Optional Forms

The following optional forms are available but will be reduced to the actuarial equivalent of a life annuity.

Level income option.

50%, 66%, 75% and 100% joint and survivor annuity.

10 years certain and continuous annuity.

Covia Holdings Corporation Pension Plan
EIN/PN: 13-2656671 / 003

Schedule SB, Part V – Summary of Plan Provisions (continued)

Summary of changes from January 1, 2018 valuation

For the January 1, 2019 valuation, benefit was frozen for non-union employees in the following hourly groups.

Group	Frozen Effective Date
Salaried (pay and benefit frozen)	December 31, 2018
Gore Hourly	December 31, 2018
Dividing Creek Hourly	December 31, 2018
Marston Hourly	December 31, 2018
Industrial Sands Plants Hourly	December 31, 2018
Lugoff Hourly	December 31, 2018
Roff Hourly	December 31, 2018
Guion Hourly	December 31, 2018
Mill Creek Hourly	December 31, 2018
Spruce Pine Crystal Hourly	December 31, 2018
Aimcor Facilities Hourly	December 31, 2018
Red Hill Hourly	December 31, 2018
Schoolhouse Quartz and Spruce Pine Hourly	December 31, 2018
Voca Hourly	December 31, 2018
Tuscaloosa and Junction City Hourly	December 31, 2018
Huntingburg, Van Horn and Troup Hourly	December 31, 2018

Effective May 31, 2018 the High Purity Quartz (HPQ) product line was sold. Participants' benefits ceased to accrue as of the date of the sale. This impacted Salaried, Spruce Pine Quartz Hourly, Spruce Pine Crystal Hourly, Red Hill Hourly and Schoolhouse Quartz and Spruce Pine Hourly.

For the January 1, 2019 valuation, the Emmett Hourly group had changes in their dollar per month current benefit level.

Plan Name	COVIA HOLDINGS CORPORATION PENSION PLAN
Plan Sponsor EIN	13-2656671
ERISA Plan No.	003
Plan Year End	12/31/2019

The required attachment noted below is included within the Accountant's Opinion attachment to the Form 5500 Schedule H, Part III, which consists of the entire Audit report issued by the Plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line Item	Description
5500 Schedule H	Line 4i	Schedule of Assets (Held at End of Year)

Covia Holdings Corporation Pension Plan**EIN / PN: 13-2656671/003****Schedule SB, Line 32– Schedule of Amortization Bases**

Type of Base	Present Value of Remaining Installments as of January 1, 2019	Date Established	Remaining Installments	Shortfall Amortization Installment
Shortfall	(\$2,133,373)	1/1/2019	7	(\$337,656)
Shortfall	\$9,005,592	1/1/2018	6	\$1,632,518
Shortfall	\$1,533,745	1/1/2017	5	\$327,746
Shortfall	\$11,628,899	1/1/2016	4	\$3,052,541

Covia Holdings Corporation Pension Plan

EIN / PN: 12-2656671/003

Schedule SB, Line 24 – Change in Actuarial Assumptions

The expected plan related expenses added to the Target Normal Cost were updated from \$551,981 to \$618,006. This change had no impact on the funding target.