

|                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form 5500</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security<br>Administration<br><br>Pension Benefit Guaranty Corporation | <b>Annual Return/Report of Employee Benefit Plan</b><br>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).<br><br><b>▶ Complete all entries in accordance with the instructions to the Form 5500.</b> | OMB Nos. 1210-0110<br>1210-0089<br><br><div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div><br><br><b>This Form is Open to Public Inspection</b> |
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|                                                                                                          |                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I</b>                                                                                            | <b>Annual Report Identification Information</b>                                                                                                                                                                                                                                                                                            |
| For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u> |                                                                                                                                                                                                                                                                                                                                            |
| <b>A</b> This return/report is for:                                                                      | <input type="checkbox"/> a multiemployer plan <input type="checkbox"/> a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)<br><input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a DFE (specify) _____ |
| <b>B</b> This return/report is:                                                                          | <input type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report<br><input type="checkbox"/> an amended return/report <input type="checkbox"/> a short plan year return/report (less than 12 months)                                                                                                      |
| <b>C</b> If the plan is a collectively-bargained plan, check here. . . . .                               | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                        |
| <b>D</b> Check box if filing under:                                                                      | <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> the DFVC program<br><input type="checkbox"/> special extension (enter description)                                                                                                                                     |

|                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                             |                                                                     |                                                                  |                                                             |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|--|
| <b>Part II</b>                                                                                                                                                                                                                                                                                                                                                                   | <b>Basic Plan Information—enter all requested information</b>                                                                                                                                                                                                                                                                               |                                                                     |                                                                  |                                                             |  |
| <b>1a</b> Name of plan<br><u>ALERIS 401(K) PLAN FOR DAVENPORT UNION</u>                                                                                                                                                                                                                                                                                                          | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><b>1b</b> Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>002</u></td> </tr> <tr> <td colspan="2"><b>1c</b> Effective date of plan<br/><u>10/01/1987</u></td> </tr> </table>                             | <b>1b</b> Three-digit plan number (PN) ▶                            | <u>002</u>                                                       | <b>1c</b> Effective date of plan<br><u>10/01/1987</u>       |  |
| <b>1b</b> Three-digit plan number (PN) ▶                                                                                                                                                                                                                                                                                                                                         | <u>002</u>                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                  |                                                             |  |
| <b>1c</b> Effective date of plan<br><u>10/01/1987</u>                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                             |                                                                     |                                                                  |                                                             |  |
| <b>2a</b> Plan sponsor's name (employer, if for a single-employer plan)<br>Mailing address (include room, apt., suite no. and street, or P.O. Box)<br>City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)<br><u>NICHOLS ALUMINUM, LLC</u><br><br><u>25825 SCIENCE PARK DRIVE, STE 400</u><br><u>BEACHWOOD, OH 44122-7392</u> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>2b</b> Employer Identification Number (EIN)<br/><u>20-8451513</u></td> </tr> <tr> <td><b>2c</b> Plan Sponsor's telephone number<br/><u>877-977-8811</u></td> </tr> <tr> <td><b>2d</b> Business code (see instructions)<br/><u>339900</u></td> </tr> </table> | <b>2b</b> Employer Identification Number (EIN)<br><u>20-8451513</u> | <b>2c</b> Plan Sponsor's telephone number<br><u>877-977-8811</u> | <b>2d</b> Business code (see instructions)<br><u>339900</u> |  |
| <b>2b</b> Employer Identification Number (EIN)<br><u>20-8451513</u>                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                             |                                                                     |                                                                  |                                                             |  |
| <b>2c</b> Plan Sponsor's telephone number<br><u>877-977-8811</u>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                             |                                                                     |                                                                  |                                                             |  |
| <b>2d</b> Business code (see instructions)<br><u>339900</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.

|                  |                                                   |            |                                                              |
|------------------|---------------------------------------------------|------------|--------------------------------------------------------------|
| <b>SIGN HERE</b> | Filed with authorized/valid electronic signature. | 10/11/2019 | ELLEN MATISKO                                                |
|                  | Signature of plan administrator                   | Date       | Enter name of individual signing as plan administrator       |
| <b>SIGN HERE</b> | Filed with authorized/valid electronic signature. | 10/11/2019 | ELLEN MATISKO                                                |
|                  | Signature of employer/plan sponsor                | Date       | Enter name of individual signing as employer or plan sponsor |
| <b>SIGN HERE</b> |                                                   |            |                                                              |
|                  | Signature of DFE                                  | Date       | Enter name of individual signing as DFE                      |

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

Form 5500 (2018)  
v. 171027

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3a</b> Plan administrator's name and address <input type="checkbox"/> Same as Plan Sponsor<br><br>ALERIS BENEFITS COMMITTEE<br><br>25825 SCIENCE PARK DRIVE<br>SUITE 400<br>BEACHWOOD, OH 44122-4412                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>3b</b> Administrator's EIN<br>20-8451513<br><br><b>3c</b> Administrator's telephone number<br>216-910-3400<br><br><div style="background-color: #cccccc; height: 40px; width: 100%;"></div>                                    |
| <b>4</b> 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:<br><b>a</b> Sponsor's name<br><b>c</b> Plan Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>4b</b> EIN<br><br><b>4d</b> PN                                                                                                                                                                                                 |
| <b>5</b> Total number of participants at the beginning of the plan year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>5</b> 267                                                                                                                                                                                                                      |
| <b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ).<br><br><b>a(1)</b> Total number of active participants at the beginning of the plan year .....<br><b>a(2)</b> Total number of active participants at the end of the plan year .....<br><br><b>b</b> Retired or separated participants receiving benefits.....<br><b>c</b> Other retired or separated participants entitled to future benefits .....<br><b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> .....<br><b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. ....<br><b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> .....<br><br><b>g</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) .....<br><br><b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested ..... | <div style="background-color: #cccccc; height: 20px; width: 100%;"></div><br><b>6a(1)</b> 248<br><b>6a(2)</b> 238<br><b>6b</b> 0<br><b>6c</b> 21<br><b>6d</b> 259<br><b>6e</b> 1<br><b>6f</b> 260<br><b>6g</b> 245<br><b>6h</b> 9 |
| <b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>7</b>                                                                                                                                                                                                                          |
| <b>8a</b> If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:<br>2E 2F 2G 2J 2K 2T 3D 3H<br><br><b>b</b> If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                   |

|                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>9a</b> Plan funding arrangement (check all that apply)<br>(1) <input checked="" type="checkbox"/> Insurance<br>(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts<br>(3) <input checked="" type="checkbox"/> Trust<br>(4) <input type="checkbox"/> General assets of the sponsor | <b>9b</b> Plan benefit arrangement (check all that apply)<br>(1) <input checked="" type="checkbox"/> Insurance<br>(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts<br>(3) <input checked="" type="checkbox"/> Trust<br>(4) <input type="checkbox"/> General assets of the sponsor |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

**a Pension Schedules**

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

**b General Schedules**

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

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

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**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

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**11c** Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code \_\_\_\_\_

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|                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                           |                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>SCHEDULE A</b><br><b>(Form 5500)</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security Administration<br><br>Pension Benefit Guaranty Corporation | <b>Insurance Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).<br><br>▶ <b>File as an attachment to Form 5500.</b><br><br>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2). | OMB No. 1210-0110<br><br><b>2018</b><br><br><b>This Form is Open to Public Inspection</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|

|                                                                                            |                                                             |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018 |                                                             |
| <b>A</b> Name of plan<br>ALERIS 401(K) PLAN FOR DAVENPORT UNION                            | <b>B</b> Three-digit plan number (PN) ▶ 002                 |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br>NICHOLS ALUMINUM, LLC     | <b>D</b> Employer Identification Number (EIN)<br>20-8451513 |

|               |                                                                                                                                                                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I</b> | <b>Information Concerning Insurance Contract Coverage, Fees, and Commissions</b> Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A. |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                |
|--------------------------------|
| <b>1</b> Coverage Information: |
|--------------------------------|

|                                                                          |
|--------------------------------------------------------------------------|
| <b>(a)</b> Name of insurance carrier<br>PRINCIPAL LIFE INSURANCE COMPANY |
|--------------------------------------------------------------------------|

| (b) EIN    | (c) NAIC code | (d) Contract or identification number | (e) Approximate number of persons covered at end of policy or contract year | Policy or contract year |            |
|------------|---------------|---------------------------------------|-----------------------------------------------------------------------------|-------------------------|------------|
|            |               |                                       |                                                                             | (f) From                | (g) To     |
| 42-0127290 | 61271         | 813507                                | 260                                                                         | 01/01/2018              | 12/31/2018 |

|                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2</b> Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                           |
|--------------------------------------------------|-------------------------------------------|
| <b>(a)</b> Total amount of commissions paid<br>0 | <b>(b)</b> Total amount of fees paid<br>0 |
|--------------------------------------------------|-------------------------------------------|

|                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|
| <b>3</b> Persons receiving commissions and fees. (Complete as many entries as needed to report all persons). |
| <b>(a)</b> Name and address of the agent, broker, or other person to whom commissions or fees were paid      |

| (b) Amount of sales and base commissions paid | Fees and other commissions paid |             | (e) Organization code |
|-----------------------------------------------|---------------------------------|-------------|-----------------------|
|                                               | (c) Amount                      | (d) Purpose |                       |
|                                               |                                 |             |                       |

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| <b>(a)</b> Name and address of the agent, broker, or other person to whom commissions or fees were paid |
|---------------------------------------------------------------------------------------------------------|

| (b) Amount of sales and base commissions paid | Fees and other commissions paid |             | (e) Organization code |
|-----------------------------------------------|---------------------------------|-------------|-----------------------|
|                                               | (c) Amount                      | (d) Purpose |                       |
|                                               |                                 |             |                       |

---

**(a)** Name and address of the agent, broker, or other person to whom commissions or fees were paid

---

| <b>(b)</b> Amount of sales and base commissions paid | Fees and other commissions paid |                    | <b>(e)</b><br>Organization code |
|------------------------------------------------------|---------------------------------|--------------------|---------------------------------|
|                                                      | <b>(c)</b> Amount               | <b>(d)</b> Purpose |                                 |
|                                                      |                                 |                    |                                 |

---

**(a)** Name and address of the agent, broker, or other person to whom commissions or fees were paid

---

| <b>(b)</b> Amount of sales and base commissions paid | Fees and other commissions paid |                    | <b>(e)</b><br>Organization code |
|------------------------------------------------------|---------------------------------|--------------------|---------------------------------|
|                                                      | <b>(c)</b> Amount               | <b>(d)</b> Purpose |                                 |
|                                                      |                                 |                    |                                 |

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**(a)** Name and address of the agent, broker, or other person to whom commissions or fees were paid

---

| <b>(b)</b> Amount of sales and base commissions paid | Fees and other commissions paid |                    | <b>(e)</b><br>Organization code |
|------------------------------------------------------|---------------------------------|--------------------|---------------------------------|
|                                                      | <b>(c)</b> Amount               | <b>(d)</b> Purpose |                                 |
|                                                      |                                 |                    |                                 |

---

**(a)** Name and address of the agent, broker, or other person to whom commissions or fees were paid

---

| <b>(b)</b> Amount of sales and base commissions paid | Fees and other commissions paid |                    | <b>(e)</b><br>Organization code |
|------------------------------------------------------|---------------------------------|--------------------|---------------------------------|
|                                                      | <b>(c)</b> Amount               | <b>(d)</b> Purpose |                                 |
|                                                      |                                 |                    |                                 |

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**(a)** Name and address of the agent, broker, or other person to whom commissions or fees were paid

---

| <b>(b)</b> Amount of sales and base commissions paid | Fees and other commissions paid |                    | <b>(e)</b><br>Organization code |
|------------------------------------------------------|---------------------------------|--------------------|---------------------------------|
|                                                      | <b>(c)</b> Amount               | <b>(d)</b> Purpose |                                 |
|                                                      |                                 |                    |                                 |

**Part II Investment and Annuity Contract Information**

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

|                                                                                                        |          |         |
|--------------------------------------------------------------------------------------------------------|----------|---------|
| <b>4</b> Current value of plan's interest under this contract in the general account at year end ..... | <b>4</b> | 0       |
| <b>5</b> Current value of plan's interest under this contract in separate accounts at year end .....   | <b>5</b> | 7314328 |

**6** Contracts With Allocated Funds:**a** State the basis of premium rates ▶

|                                                                                                                                                                                                                |           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|
| <b>b</b> Premiums paid to carrier.....                                                                                                                                                                         | <b>6b</b> |  |
| <b>c</b> Premiums due but unpaid at the end of the year.....                                                                                                                                                   | <b>6c</b> |  |
| <b>d</b> If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. ....<br>Specify nature of costs ▶ | <b>6d</b> |  |

**e** Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity  
(3) ☐ other (specify) ▶

**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee  
(3) ☐ guaranteed investment (4) ☐ other ▶

|                                                                                                         |              |   |
|---------------------------------------------------------------------------------------------------------|--------------|---|
| <b>b</b> Balance at the end of the previous year.....                                                   | <b>7b</b>    |   |
| <b>c</b> Additions: (1) Contributions deposited during the year .....                                   | <b>7c(1)</b> |   |
| (2) Dividends and credits .....                                                                         | <b>7c(2)</b> |   |
| (3) Interest credited during the year .....                                                             | <b>7c(3)</b> |   |
| (4) Transferred from separate account.....                                                              | <b>7c(4)</b> |   |
| (5) Other (specify below) .....                                                                         | <b>7c(5)</b> |   |
| ▶                                                                                                       |              |   |
| (6) Total additions.....                                                                                | <b>7c(6)</b> |   |
| <b>d</b> Total of balance and additions (add lines <b>7b</b> and <b>7c(6)</b> ) .....                   | <b>7d</b>    |   |
| <b>e</b> Deductions:                                                                                    |              |   |
| (1) Disbursed from fund to pay benefits or purchase annuities during year .....                         | <b>7e(1)</b> |   |
| (2) Administration charge made by carrier .....                                                         | <b>7e(2)</b> |   |
| (3) Transferred to separate account.....                                                                | <b>7e(3)</b> |   |
| (4) Other (specify below) .....                                                                         | <b>7e(4)</b> |   |
| ▶                                                                                                       |              |   |
| (5) Total deductions.....                                                                               | <b>7e(5)</b> |   |
| <b>f</b> Balance at the end of the current year (subtract line <b>7e(5)</b> from line <b>7d</b> ) ..... | <b>7f</b>    | 0 |

**Part III Welfare Benefit Contract Information**

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

**8** Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)     
 **b** ☐ Dental     
 **c** ☐ Vision     
 **d** ☐ Life insurance  
**e** ☐ Temporary disability (accident and sickness)     
 **f** ☐ Long-term disability     
 **g** ☐ Supplemental unemployment     
 **h** ☐ Prescription drug  
**i** ☐ Stop loss (large deductible)     
 **j** ☐ HMO contract     
 **k** ☐ PPO contract     
 **l** ☐ Indemnity contract  
**m** ☐ Other (specify) ▶

**9** Experience-rated contracts:

|                                                                                                                                                    |                 |                 |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--|
| <b>a</b> Premiums: (1) Amount received .....                                                                                                       | <b>9a(1)</b>    |                 |  |
| (2) Increase (decrease) in amount due but unpaid .....                                                                                             | <b>9a(2)</b>    |                 |  |
| (3) Increase (decrease) in unearned premium reserve .....                                                                                          | <b>9a(3)</b>    |                 |  |
| (4) Earned ((1) + (2) - (3)) .....                                                                                                                 |                 | <b>9a(4)</b>    |  |
| <b>b</b> Benefit charges (1) Claims paid .....                                                                                                     | <b>9b(1)</b>    |                 |  |
| (2) Increase (decrease) in claim reserves .....                                                                                                    | <b>9b(2)</b>    |                 |  |
| (3) Incurred claims (add (1) and (2)) .....                                                                                                        |                 | <b>9b(3)</b>    |  |
| (4) Claims charged .....                                                                                                                           |                 | <b>9b(4)</b>    |  |
| <b>c</b> Remainder of premium: (1) Retention charges (on an accrual basis) --                                                                      |                 |                 |  |
| (A) Commissions .....                                                                                                                              | <b>9c(1)(A)</b> |                 |  |
| (B) Administrative service or other fees .....                                                                                                     | <b>9c(1)(B)</b> |                 |  |
| (C) Other specific acquisition costs .....                                                                                                         | <b>9c(1)(C)</b> |                 |  |
| (D) Other expenses .....                                                                                                                           | <b>9c(1)(D)</b> |                 |  |
| (E) Taxes .....                                                                                                                                    | <b>9c(1)(E)</b> |                 |  |
| (F) Charges for risks or other contingencies .....                                                                                                 | <b>9c(1)(F)</b> |                 |  |
| (G) Other retention charges .....                                                                                                                  | <b>9c(1)(G)</b> |                 |  |
| (H) Total retention .....                                                                                                                          |                 | <b>9c(1)(H)</b> |  |
| (2) Dividends or retroactive rate refunds. (These amounts were <input type="checkbox"/> paid in cash, or <input type="checkbox"/> credited.) ..... |                 | <b>9c(2)</b>    |  |
| <b>d</b> Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement .....                                |                 | <b>9d(1)</b>    |  |
| (2) Claim reserves .....                                                                                                                           |                 | <b>9d(2)</b>    |  |
| (3) Other reserves .....                                                                                                                           |                 | <b>9d(3)</b>    |  |
| <b>e</b> Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).) .....                                           |                 | <b>9e</b>       |  |

**10** Nonexperience-rated contracts:

|                                                                                                                                                                                                                                 |            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--|
| <b>a</b> Total premiums or subscription charges paid to carrier .....                                                                                                                                                           | <b>10a</b> |  |
| <b>b</b> If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount ..... | <b>10b</b> |  |

Specify nature of costs.

**Part IV Provision of Information**

**11** Did the insurance company fail to provide any information necessary to complete Schedule A? ..... ☐ Yes ☒ No

**12** If the answer to line 11 is "Yes," specify the information not provided. ▶

|                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>SCHEDULE C</b><br><b>(Form 5500)</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security Administration<br><br>Pension Benefit Guaranty Corporation | <b>Service Provider Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).<br><br>▶ <b>File as an attachment to Form 5500.</b> | OMB No. 1210-0110                              |
|                                                                                                                                                                                                                           |                                                                                                                                                                                                                        | <b>2018</b>                                    |
|                                                                                                                                                                                                                           |                                                                                                                                                                                                                        | <b>This Form is Open to Public Inspection.</b> |

|                                                                                            |                                                             |     |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----|
| For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018 |                                                             |     |
| <b>A</b> Name of plan<br>ALERIS 401(K) PLAN FOR DAVENPORT UNION                            | <b>B</b> Three-digit plan number (PN) ▶                     | 002 |
|                                                                                            |                                                             |     |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br>NICHOLS ALUMINUM, LLC     | <b>D</b> Employer Identification Number (EIN)<br>20-8451513 |     |

|               |                                                        |
|---------------|--------------------------------------------------------|
| <b>Part I</b> | <b>Service Provider Information (see instructions)</b> |
|---------------|--------------------------------------------------------|

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>(b)</b> Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
| PRINCIPAL LIFE INSURANCE COMPANY                                                                                  |
| 42-0127290                                                                                                        |

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| <b>(b)</b> Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
|-------------------------------------------------------------------------------------------------------------------|

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| <b>(b)</b> Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
|-------------------------------------------------------------------------------------------------------------------|

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| <b>(b)</b> Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
|-------------------------------------------------------------------------------------------------------------------|

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

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

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

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

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

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

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

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**(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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

| <b>(b)</b><br>Service Code(s) | <b>(c)</b><br>Relationship to employer, employee organization, or person known to be a party-in-interest | <b>(d)</b><br>Enter direct compensation paid by the plan. If none, enter -0-. | <b>(e)</b><br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | <b>(f)</b><br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | <b>(g)</b><br>Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-. | <b>(h)</b><br>Did the service provider give you a formula instead of an amount or estimated amount? |
|-------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 13 37 50 64                   | CONTRACT ADMINISTRATOR                                                                                   | 43313                                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                                   | 0                                                                                                                                                                                      | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                 |

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

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

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

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

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

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

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

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

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

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

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

**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<br>(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<br>(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<br>(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)

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                    |                     |
|--------------------|---------------------|
| <b>a</b> Name:     | <b>b</b> EIN:       |
| <b>c</b> Position: |                     |
| <b>d</b> Address:  | <b>e</b> Telephone: |
|                    |                     |

Explanation:

|                                                                                                                                                                               |                                                                                                                                                                                                                              |                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>SCHEDULE D</b><br><b>(Form 5500)</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security Administration | <b>DFE/Participating Plan Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).<br><br><b>► File as an attachment to Form 5500.</b> | OMB No. 1210-0110<br><br><b>2018</b><br><br><b>This Form is Open to Public Inspection.</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

|                                                                        |                                                                            |            |
|------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|
| <b>A</b> Name of plan<br><u>ALERIS 401(K) PLAN FOR DAVENPORT UNION</u> | <b>B</b> Three-digit plan number (PN) <span style="float: right;">►</span> | <u>002</u> |
|------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|

|                                                                                                      |                                                                    |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500<br><u>NICHOLS ALUMINUM, LLC</u> | <b>D</b> Employer Identification Number (EIN)<br><u>20-8451513</u> |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|

|               |                                                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I</b> | <b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b><br>(Complete as many entries as needed to report all interests in DFEs) |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN INTL SMALLCAP SEP ACCT-Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

|                                       |                               |                                                                                                                                                     |
|---------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>42-0127290-014</u> | <b>d</b> Entity code <u>P</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>26481</u></span> |
|---------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CORE PLUS BOND SEP ACCT-Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

|                                       |                               |                                                                                                                                                      |
|---------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>42-0127290-005</u> | <b>d</b> Entity code <u>P</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>605448</u></span> |
|---------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LGCP S&P 500 INDEX SA-Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

|                                       |                               |                                                                                                                                                       |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>42-0127290-016</u> | <b>d</b> Entity code <u>P</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>6682399</u></span> |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2010 CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                       |                               |                                                                                                                                                     |
|---------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>26-6447574-001</u> | <b>d</b> Entity code <u>C</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>28318</u></span> |
|---------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2020 CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                       |                               |                                                                                                                                                       |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>26-6447574-003</u> | <b>d</b> Entity code <u>C</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>1326664</u></span> |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2030 CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                       |                               |                                                                                                                                                       |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>26-6447574-005</u> | <b>d</b> Entity code <u>C</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>3282315</u></span> |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2040 CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                       |                               |                                                                                                                                                       |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <u>26-6447574-007</u> | <b>d</b> Entity code <u>C</u> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <span style="float: right;"><u>1976767</u></span> |
|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2050 CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                |                        |                                                                                                             |
|--------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN 26-6447574-009 | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1162172 |
|--------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR INC CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                |                        |                                                                                                            |
|--------------------------------|------------------------|------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN 26-6447574-011 | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 658345 |
|--------------------------------|------------------------|------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYBR 2060 CIT Z

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                |                        |                                                                                                            |
|--------------------------------|------------------------|------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN 26-6447574-012 | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 164512 |
|--------------------------------|------------------------|------------------------------------------------------------------------------------------------------------|

**a** Name of MTIA, CCT, PSA, or 103-12 IE: PRINCIPAL STABLE VALUE Z FUND

**b** Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO

|                                |                        |                                                                                                             |
|--------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN 93-6274328-001 | <b>d</b> Entity code C | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5302497 |
|--------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------|

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Part II Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

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

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                              |                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>SCHEDULE H</b><br><b>(Form 5500)</b><br><br><small>Department of the Treasury<br/>Internal Revenue Service</small><br><br><small>Department of Labor<br/>Employee Benefits Security Administration</small><br><br><small>Pension Benefit Guaranty Corporation</small> | <b>Financial Information</b><br><br>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).<br><br><b>► File as an attachment to Form 5500.</b> | OMB No. 1210-0110<br><br><b>2018</b><br><br><b>This Form is Open to Public Inspection</b> |
| For calendar plan year 2018 or fiscal plan year beginning <b>01/01/2018</b> and ending <b>12/31/2018</b>                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |                                                                                           |
| <b>A</b> Name of plan<br><b>ALERIS 401(K) PLAN FOR DAVENPORT UNION</b>                                                                                                                                                                                                   | <b>B</b> Three-digit plan number (PN) <b>►</b>                                                                                                                                                                                                                               | <b>002</b>                                                                                |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br><b>NICHOLS ALUMINUM, LLC</b>                                                                                                                                                                            | <b>D</b> Employer Identification Number (EIN)<br><b>20-8451513</b>                                                                                                                                                                                                           |                                                                                           |

| Part I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Asset and Liability Statement                                                              |                 | (a) Beginning of Year | (b) End of Year |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|-----------------------|-----------------|
| <b>1</b> 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. <b>Round off amounts to the nearest dollar.</b> 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. |                                                                                            |                 |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Assets</b>                                                                              |                 |                       |                 |
| <b>a</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Total noninterest-bearing cash .....                                                       | <b>1a</b>       |                       |                 |
| <b>b</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Receivables (less allowance for doubtful accounts):                                        |                 |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (1) Employer contributions.....                                                            | <b>1b(1)</b>    | 0                     | 0               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (2) Participant contributions .....                                                        | <b>1b(2)</b>    | 0                     | 0               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (3) Other.....                                                                             | <b>1b(3)</b>    | 0                     | 0               |
| <b>c</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | General investments:                                                                       |                 |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (1) Interest-bearing cash (include money market accounts & certificates of deposit).....   | <b>1c(1)</b>    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (2) U.S. Government securities .....                                                       | <b>1c(2)</b>    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (3) Corporate debt instruments (other than employer securities):                           |                 |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (A) Preferred .....                                                                        | <b>1c(3)(A)</b> |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (B) All other.....                                                                         | <b>1c(3)(B)</b> |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (4) Corporate stocks (other than employer securities):                                     |                 |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (A) Preferred .....                                                                        | <b>1c(4)(A)</b> |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (B) Common.....                                                                            | <b>1c(4)(B)</b> |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (5) Partnership/joint venture interests .....                                              | <b>1c(5)</b>    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (6) Real estate (other than employer real property).....                                   | <b>1c(6)</b>    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (7) Loans (other than to participants) .....                                               | <b>1c(7)</b>    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (8) Participant loans.....                                                                 | <b>1c(8)</b>    | 499686                | 610590          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (9) Value of interest in common/collective trusts .....                                    | <b>1c(9)</b>    | 14666173              | 13901590        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (10) Value of interest in pooled separate accounts .....                                   | <b>1c(10)</b>   | 7912667               | 7314328         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (11) Value of interest in master trust investment accounts .....                           | <b>1c(11)</b>   |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (12) Value of interest in 103-12 investment entities.....                                  | <b>1c(12)</b>   |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (13) Value of interest in registered investment companies (e.g., mutual funds).....        | <b>1c(13)</b>   | 7599679               | 6144668         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (14) Value of funds held in insurance company general account (unallocated contracts)..... | <b>1c(14)</b>   |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (15) Other .....                                                                           | <b>1c(15)</b>   |                       |                 |

| <b>1d</b> Employer-related investments:                              |              | (a) Beginning of Year | (b) End of Year |
|----------------------------------------------------------------------|--------------|-----------------------|-----------------|
| (1) Employer securities .....                                        | <b>1d(1)</b> |                       |                 |
| (2) Employer real property .....                                     | <b>1d(2)</b> |                       |                 |
| <b>e</b> Buildings and other property used in plan operation .....   | <b>1e</b>    |                       |                 |
| <b>f</b> Total assets (add all amounts in lines 1a through 1e) ..... | <b>1f</b>    | 30678205              | 27971176        |

**Liabilities**

|                                                                           |           |   |   |
|---------------------------------------------------------------------------|-----------|---|---|
| <b>g</b> Benefit claims payable .....                                     | <b>1g</b> | 0 |   |
| <b>h</b> Operating payables .....                                         | <b>1h</b> | 0 |   |
| <b>i</b> Acquisition indebtedness .....                                   | <b>1i</b> | 0 |   |
| <b>j</b> Other liabilities .....                                          | <b>1j</b> | 0 |   |
| <b>k</b> Total liabilities (add all amounts in lines 1g through 1j) ..... | <b>1k</b> | 0 | 0 |

**Net Assets**

|                                                           |           |          |          |
|-----------------------------------------------------------|-----------|----------|----------|
| <b>l</b> Net assets (subtract line 1k from line 1f) ..... | <b>1l</b> | 30678205 | 27971176 |
|-----------------------------------------------------------|-----------|----------|----------|

**Part II Income and Expense Statement**

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

**Income**

|                                                                                                            |                 | (a) Amount | (b) Total |
|------------------------------------------------------------------------------------------------------------|-----------------|------------|-----------|
| <b>a Contributions:</b>                                                                                    |                 |            |           |
| (1) Received or receivable in cash from: <b>(A)</b> Employers .....                                        | <b>2a(1)(A)</b> | 788585     |           |
| <b>(B)</b> Participants .....                                                                              | <b>2a(1)(B)</b> | 650268     |           |
| <b>(C)</b> Others (including rollovers) .....                                                              | <b>2a(1)(C)</b> | 26059      |           |
| (2) Noncash contributions .....                                                                            | <b>2a(2)</b>    |            |           |
| (3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> ..... | <b>2a(3)</b>    |            | 1464912   |
| <b>b Earnings on investments:</b>                                                                          |                 |            |           |
| (1) Interest:                                                                                              |                 |            |           |
| <b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit) .....       | <b>2b(1)(A)</b> | 0          |           |
| <b>(B)</b> U.S. Government securities .....                                                                | <b>2b(1)(B)</b> | 0          |           |
| <b>(C)</b> Corporate debt instruments .....                                                                | <b>2b(1)(C)</b> | 0          |           |
| <b>(D)</b> Loans (other than to participants) .....                                                        | <b>2b(1)(D)</b> | 0          |           |
| <b>(E)</b> Participant loans .....                                                                         | <b>2b(1)(E)</b> | 26498      |           |
| <b>(F)</b> Other .....                                                                                     | <b>2b(1)(F)</b> | 0          |           |
| <b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....                              | <b>2b(1)(G)</b> |            | 26498     |
| (2) Dividends: <b>(A)</b> Preferred stock .....                                                            | <b>2b(2)(A)</b> | 0          |           |
| <b>(B)</b> Common stock .....                                                                              | <b>2b(2)(B)</b> | 0          |           |
| <b>(C)</b> Registered investment company shares (e.g. mutual funds) .....                                  | <b>2b(2)(C)</b> | 77490      |           |
| <b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....                  | <b>2b(2)(D)</b> |            | 77490     |
| (3) Rents .....                                                                                            | <b>2b(3)</b>    |            | 0         |
| (4) Net gain (loss) on sale of assets: <b>(A)</b> Aggregate proceeds .....                                 | <b>2b(4)(A)</b> | 0          |           |
| <b>(B)</b> Aggregate carrying amount (see instructions) .....                                              | <b>2b(4)(B)</b> | 0          |           |
| <b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result .....                  | <b>2b(4)(C)</b> |            | 0         |
| (5) Unrealized appreciation (depreciation) of assets: <b>(A)</b> Real estate .....                         | <b>2b(5)(A)</b> | 0          |           |
| <b>(B)</b> Other .....                                                                                     | <b>2b(5)(B)</b> | 0          |           |
| <b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....         | <b>2b(5)(C)</b> |            | 0         |

|                                                                                                |        | (a) Amount | (b) Total |
|------------------------------------------------------------------------------------------------|--------|------------|-----------|
| (6) Net investment gain (loss) from common/collective trusts .....                             | 2b(6)  |            | -623749   |
| (7) Net investment gain (loss) from pooled separate accounts .....                             | 2b(7)  |            | -309987   |
| (8) Net investment gain (loss) from master trust investment accounts .....                     | 2b(8)  |            | 0         |
| (9) Net investment gain (loss) from 103-12 investment entities .....                           | 2b(9)  |            | 0         |
| (10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)..... | 2b(10) |            | -402629   |
| c Other income.....                                                                            | 2c     |            | 3621      |
| d Total income. Add all <b>income</b> amounts in column (b) and enter total .....              | 2d     |            | 236156    |

**Expenses**

|                                                                                      |       |         |         |
|--------------------------------------------------------------------------------------|-------|---------|---------|
| e Benefit payment and payments to provide benefits:                                  |       |         |         |
| (1) Directly to participants or beneficiaries, including direct rollovers .....      | 2e(1) | 2895772 |         |
| (2) To insurance carriers for the provision of benefits .....                        | 2e(2) | 0       |         |
| (3) Other .....                                                                      | 2e(3) | 0       |         |
| (4) Total benefit payments. Add lines 2e(1) through (3).....                         | 2e(4) |         | 2895772 |
| f Corrective distributions (see instructions) .....                                  | 2f    |         | 0       |
| g Certain deemed distributions of participant loans (see instructions) .....         | 2g    |         | 0       |
| h Interest expense .....                                                             | 2h    |         |         |
| i Administrative expenses: (1) Professional fees.....                                | 2i(1) | 2762    |         |
| (2) Contract administrator fees.....                                                 | 2i(2) | 44651   |         |
| (3) Investment advisory and management fees.....                                     | 2i(3) | 0       |         |
| (4) Other .....                                                                      | 2i(4) | 0       |         |
| (5) Total administrative expenses. Add lines 2i(1) through (4).....                  | 2i(5) |         | 47413   |
| j Total expenses. Add all <b>expense</b> amounts in column (b) and enter total ..... | 2j    |         | 2943185 |

**Net Income and Reconciliation**

|                                                          |       |  |          |
|----------------------------------------------------------|-------|--|----------|
| k Net income (loss). Subtract line 2j from line 2d ..... | 2k    |  | -2707029 |
| l Transfers of assets:                                   |       |  |          |
| (1) To this plan.....                                    | 2l(1) |  | 0        |
| (2) From this plan.....                                  | 2l(2) |  |          |

**Part III Accountant's Opinion**

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

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

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

**b** Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

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

(1) Name: BDO USA, LLP

(2) EIN: 13-5381590

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

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

**Part IV Compliance Questions**

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

During the plan year:

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

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

|    | Yes | No | Amount |
|----|-----|----|--------|
| 4a |     | X  | 0      |
| 4b |     | X  | 0      |

|                                                                                                                                                                                                                               |           | Yes | No | Amount   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|----|----------|
| <b>c</b> 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.) .....                                          | <b>4c</b> |     | X  | 0        |
| <b>d</b> 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.) .....                               | <b>4d</b> |     | X  | 0        |
| <b>e</b> Was this plan covered by a fidelity bond? .....                                                                                                                                                                      | <b>4e</b> | X   |    | 10000000 |
| <b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....                                                                                       | <b>4f</b> |     | X  |          |
| <b>g</b> 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? .....                                                    | <b>4g</b> |     | X  |          |
| <b>h</b> 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? .....                                          | <b>4h</b> |     | X  |          |
| <b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.) .....                                                                | <b>4i</b> | X   |    |          |
| <b>j</b> 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.) ..... | <b>4j</b> |     | X  |          |
| <b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? .....                                                           | <b>4k</b> |     | X  |          |
| <b>l</b> Has the plan failed to provide any benefit when due under the plan? .....                                                                                                                                            | <b>4l</b> |     | X  |          |
| <b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....                                                                                                  | <b>4m</b> |     | X  |          |
| <b>n</b> 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. ....                                      | <b>4n</b> |     |    |          |

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

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

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

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

|                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                             |                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>SCHEDULE R</b><br><b>(Form 5500)</b><br><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security Administration<br><br>Pension Benefit Guaranty Corporation | <b>Retirement Plan Information</b><br><br>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).<br><br>▶ <b>File as an attachment to Form 5500.</b> | OMB No. 1210-0110<br><br><b>2018</b><br><br><b>This Form is Open to Public Inspection.</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

|                                                                                               |                                                                    |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>A</b> Name of plan<br><u>ALERIS 401(K) PLAN FOR DAVENPORT UNION</u>                        | <b>B</b> Three-digit plan number (PN) ▶<br><u>002</u>              |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br><u>NICHOLS ALUMINUM, LLC</u> | <b>D</b> Employer Identification Number (EIN)<br><u>20-8451513</u> |

|               |                      |
|---------------|----------------------|
| <b>Part I</b> | <b>Distributions</b> |
|---------------|----------------------|

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

|                                                                                                                                                                                                                                                                    |          |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| <b>1</b> Total value of distributions paid in property other than in cash or the forms of property specified in the instructions .....                                                                                                                             | <b>1</b> | <u>0</u> |
| <b>2</b> 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):<br><br>EIN(s): <u>42-0127290</u> |          |          |
| Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.                                                                                                                                                                                                   |          |          |
| <b>3</b> Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year .....                                                                                                                                   | <b>3</b> |          |

|                |                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part II</b> | <b>Funding Information</b> (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.) |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                             |                              |                             |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------|------------------------------|
| <b>4</b> Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? .....                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| If the plan is a defined benefit plan, go to line 8.                                                                                                                                                                                                                                                                                                        |                              |                             |                              |
| <b>5</b> 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 _____<br>If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule. |                              |                             |                              |
| <b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....                                                                                                                                                                                                              | <b>6a</b>                    |                             |                              |
| <b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....                                                                                                                                                                                                                                                                  | <b>6b</b>                    |                             |                              |
| <b>c</b> 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) .....                                                                                                                                                                                                            | <b>6c</b>                    |                             |                              |
| If you completed line 6c, skip lines 8 and 9.                                                                                                                                                                                                                                                                                                               |                              |                             |                              |
| <b>7</b> Will the minimum funding amount reported on line 6c be met by the funding deadline? .....                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| <b>8</b> 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? .....                                                                                 | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |

|                 |                   |
|-----------------|-------------------|
| <b>Part III</b> | <b>Amendments</b> |
|-----------------|-------------------|

|                                                                                                                                                                                                                            |                                   |                                   |                               |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|-------------------------------|-----------------------------|
| <b>9</b> 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..... | <input type="checkbox"/> Increase | <input type="checkbox"/> Decrease | <input type="checkbox"/> Both | <input type="checkbox"/> No |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|-------------------------------|-----------------------------|

|                |                                                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part IV</b> | <b>ESOPs</b> (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. |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                              |                              |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------|
| <b>10</b> Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? .....                                                      | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <b>11 a</b> Does the ESOP hold any preferred stock? .....                                                                                                                                    | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <b>b</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.) ..... | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <b>12</b> Does the ESOP hold any stock that is not readily tradable on an established securities market? .....                                                                               | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

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

Schedule R (Form 5500) 2018  
v. 171027

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

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

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer

**b** EIN

**c** Dollar amount contributed by employer

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

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

**a** The current year .....

**b** The plan year immediately preceding the current plan year .....

**c** The second preceding plan year .....

**14a****14b****14c**

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

**a** The corresponding number for the plan year immediately preceding the current plan year .....

**b** The corresponding number for the second preceding plan year .....

**15a****15b**

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

**a** Enter the number of employers who withdrew during the preceding plan year .....

**b** If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers .....

**16a****16b**

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

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

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

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

- a** Enter the percentage of plan assets held as:

Stock: \_\_\_\_\_ % Investment-Grade Debt: \_\_\_\_\_ % High-Yield Debt: \_\_\_\_\_ % Real Estate: \_\_\_\_\_ % Other: \_\_\_\_\_ %

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):



## **Aleris 401(k) Plan for Davenport Union**

Financial Statements  
And Supplemental Schedule  
As of December 31, 2018 and 2017 and for  
the Year Ended December 31, 2018

**Aleris 401(k) Plan for Davenport Union**

**Index to Financial Statements and Supplemental Schedule**

| <b><u>Index</u></b>                                                                                  | <b><u>Page</u></b> |
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| Independent Auditor's Report .....                                                                   | 1                  |
| Statements of Net Assets Available for Benefits as of December 31, 2018 and 2017 .....               | 3                  |
| Statement of Changes in Net Assets Available for Benefits for the Year Ended December 31, 2018 ..... | 4                  |
| Notes to Financial Statements .....                                                                  | 5                  |
| Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2018.....          | 13                 |



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Hanna Building, 1422 Euclid Avenue  
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## **Independent Auditor's Report**

To the Benefits Committee  
Aleris 401(k) Plan for Davenport Union  
Beachwood, Ohio

### ***Report on the Financial Statements***

We were engaged to audit the accompanying financial statements of the Aleris 401(k) Plan for Davenport Union (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

### ***Management's Responsibility for the Financial Statements***

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

### ***Auditor's Responsibility***

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

### ***Basis for Disclaimer of Opinion***

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2018 and 2017, and for the year ended December 31, 2018, that the information provided to the plan administrator by the trustee is complete and accurate.

BDO USA, LLP, a Delaware limited liability partnership, is the U.S. member of BDO International Limited, a UK company limited by guarantee, and forms part of the international BDO network of independent member firms.

BDO is the brand name for the BDO network and for each of the BDO Member Firms.

***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 - Supplemental Schedule***

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2018 is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on this supplemental schedule.

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

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

BDO USA, LLP

Cleveland, Ohio  
October 9, 2019

**Aleris 401(k) Plan for Davenport Union**

**Statements of Net Assets Available for Benefits**

|                                    | <b>December 31,</b>  |                      |
|------------------------------------|----------------------|----------------------|
|                                    | <b>2018</b>          | <b>2017</b>          |
| <b>Assets</b>                      |                      |                      |
| Investments:                       |                      |                      |
| Pooled separate accounts           | \$ 7,314,328         | \$ 7,912,667         |
| Common / collective trusts         | 13,901,590           | 14,666,173           |
| Registered investment companies    | 6,144,668            | 7,599,679            |
| Total investments                  | 27,360,586           | 30,178,519           |
| Notes receivable from participants | 921,408              | 867,756              |
| Net assets available for benefits  | <u>\$ 28,281,994</u> | <u>\$ 31,046,275</u> |

*See accompanying notes to financial statements.*

**Aleris 401(k) Plan for Davenport Union**  
**Statement of Changes in Net Assets Available for Benefits**  
**For the Year Ended December 31, 2018**

**Additions:**

**Investment (loss) income:**

|                                               |                |
|-----------------------------------------------|----------------|
| Net depreciation in fair value of investments | \$ (1,332,744) |
| Interest and dividends                        | <u>77,490</u>  |
|                                               | (1,255,254)    |

|                                                              |        |
|--------------------------------------------------------------|--------|
| <b>Interest income on notes receivable from participants</b> | 26,498 |
|--------------------------------------------------------------|--------|

**Contributions:**

|           |               |
|-----------|---------------|
| Employer  | 788,585       |
| Employee  | 650,268       |
| Rollovers | <u>26,059</u> |
|           | 1,464,912     |

|                 |         |
|-----------------|---------|
| Total additions | 236,156 |
|-----------------|---------|

**Deductions:**

|                         |               |
|-------------------------|---------------|
| Benefit payments        | 2,953,024     |
| Administrative expenses | <u>47,413</u> |

|                  |                  |
|------------------|------------------|
| Total deductions | <u>3,000,437</u> |
|------------------|------------------|

|              |             |
|--------------|-------------|
| Net decrease | (2,764,281) |
|--------------|-------------|

Net assets available for benefits:

|                   |                             |
|-------------------|-----------------------------|
| Beginning of year | <u>31,046,275</u>           |
| End of year       | <u><u>\$ 28,281,994</u></u> |

*See accompanying notes to financial statements.*

## **Aleris 401(k) Plan for Davenport Union**

### **Notes to Financial Statements**

**December 31, 2018 and 2017**

#### **1. Description of the Plan**

The following description of the Aleris 401(k) Plan for Davenport Union (the “Plan”) is provided for general information only. Participants should refer to the Plan document for a complete description of the Plan’s provisions.

##### **General**

The Plan is a defined contribution plan covering all union employees of Nichols Aluminum, LLC (the “Plan Sponsor”), a subsidiary of Aleris International, Inc. (the “Company”), at the Davenport, Iowa plant. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”). Effective January 1, 2017, the Plan was spun off from the Nichols Aluminum, LLC Union Employee 401(k) Plan.

On July 26, 2018, Aleris Corporation, the Company’s parent, announced that a definitive agreement was finalized for the Aleris Corporation to be acquired by Novelis Inc., a subsidiary of Hindalco Industries Limited. The transaction is expected to close within fifteen months from the date of the definitive agreement. There can be no assurance that the transaction will be consummated within the expected timing or at all. Plan management does not believe this transaction will have an impact on the Plan.

The Plan allows for participation for employees who have completed one hour of eligible service.

##### **Plan Administration**

Overall responsibility for administering the Plan rests with the Company’s Benefits Committee, which is appointed by the Board of Directors of the Company. Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company (the “Trustee”) is the trustee of the Plan and is responsible for the management and control of the Plan’s assets.

On January 1, 2017, in conjunction with the spin-off noted above, all assets were transferred from Fidelity Management Trust Company to Principal Trust Company and the investment elections available to Plan participants were changed.

##### **Contributions**

An employee may contribute up to 50% of their eligible pay (as defined) to the Plan but may not exceed certain Internal Revenue Service (“IRS”) maximum amounts. The maximum amount was \$18,500 in 2018 and \$18,000 in 2017. Employees who were 50 years of age or older by the end of the Plan year and were making the maximum elective contribution for the year, were eligible to make additional pretax contributions of up to \$6,000 in 2018 and 2017 (“Catch-up Contributions”). Catch-up Contributions are not matched by the Company. The Plan also provides that participants may roll over all or part of a qualified total distribution from another tax-qualified plan.

The Company makes a supplemental employer contribution based on a percentage of the participant’s compensation for each individual with at least one year of service, and in some cases, a matching contribution. The percentage contributed by the Company is described below:

|                                                | <b>Supplemental Employer Contribution</b> | <b>Employer Matching Contribution</b>         |
|------------------------------------------------|-------------------------------------------|-----------------------------------------------|
| Employees hired on or before February 12, 2012 | 6.5% of eligible compensation.            | None.                                         |
| Employees hired after February 12, 2012        | 4.0% of eligible compensation.            | 50% of the first 5% of eligible compensation. |

## **Aleris 401(k) Plan for Davenport Union**

### **Notes to Financial Statements (continued)**

#### **Participant Accounts**

Each participant's account is credited with the participant's contributions, supplemental employer contributions, employer matching contributions, rollover contributions, and allocations of actual earnings (losses) thereon. Participants direct their accounts into various investment options offered by the Plan. Upon the occurrence of a distribution event, the benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

#### **Notes Receivable From Participants**

The Plan permits participants to borrow from their account a minimum of \$1,000 and up to the lesser of \$50,000 or 50% of their vested account balance. Loans must be paid through payroll deductions over a period of time not to exceed five years, unless used for the purchase of a primary residence (in which case the loan repayment period will not exceed seven years). Participants can only have one loan outstanding under the Plan at any time. The loans are secured by the balance in the participant's account and each loan shall bear a reasonable fixed rate of interest as determined by the plan administrator. Interest rates ranged from 4.25% to 6.50% on outstanding loans at December 31, 2018 and 2017. A loan is deemed to be in default if principal and interest are not paid within 90 days of the due date, as set forth in the loan agreement.

#### **Vesting Provision**

Participants are immediately vested in their employee contributions and actual earnings thereon. Vesting in the employer's supplemental contributions and matching contributions is 20% for each year of credited service and the participant is fully vested after five years. Upon death, retirement or total and permanent disability, the participant or beneficiary becomes fully vested in all the employer's contributions.

#### **Forfeited Accounts**

Upon termination of employment, participants forfeit their nonvested balances. In accordance with Plan provisions, if a participant is rehired and becomes an eligible employee under the Plan, they may have their forfeited account balance reinstated subject to repayment of their distributed vested balance. Forfeited balances are used: first, to restore participant's forfeitures; second, to reduce expenses of the Company incurred in the operation of the Plan; and third, to reduce future Company contributions. There was \$0 and \$65,756 remaining in the forfeiture account as of December 31, 2018 and 2017, respectively. For the year ended December 31, 2018, \$65,563 was used to reduce Company contributions or pay administrative expenses.

#### **Withdrawals During Employment**

A participant who has attained age 59½ may withdraw any part of their vested account at any time. A participant may withdraw any part of their vested account in the event of financial hardship due to an immediate and heavy financial need (as defined). Participants must take a loan from the Plan before requesting a hardship withdrawal. Participants who applied for withdrawal of contributions due to financial hardship are suspended from making further contributions for the next six months.

#### **Benefits Provision**

When a participant reaches normal retirement age (as defined), becomes disabled or is deceased, the full value of the account balance is payable to the participant (or beneficiary, if the participant is deceased). Account balances are paid in a single lump sum payment in cash.

## **Aleris 401(k) Plan for Davenport Union**

### **Notes to Financial Statements (continued)**

#### **Plan Termination**

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of termination, all participant accounts shall be fully vested and nonforfeitable.

#### **2. Summary of Significant Accounting Policies**

##### **Basis of Accounting**

The accompanying financial statements of the Plan have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

##### **Notes Receivable From Participants**

Notes receivable from participants are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses when they are incurred. Delinquent notes receivable from participants are reclassified as distributions based on the terms of the Plan document.

##### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes and supplemental schedule. Actual results could differ from those estimates.

##### **Risks and Uncertainties**

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

##### **Investment Valuation and Income Recognition**

Investments held by the Plan are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

In conformity with Accounting Standards Codification ("ASC") 820, *Fair Value Measurement*, assets and liabilities measured at fair value are categorized into the following fair value hierarchy:

Level 1 – Fair value is based on unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.

Level 2 – Fair value is based on quoted prices in markets that are not active, quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability.

Level 3 – Fair value is based on prices or valuation techniques that require inputs that are both significant to the fair value measurement and unobservable. These inputs reflect management's judgment about the assumptions

## **Aleris 401(k) Plan for Davenport Union**

### **Notes to Financial Statements (continued)**

that a market participant would use in pricing the investment and are based on the best available information, some of which may be internally developed.

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

#### **Benefit Payments**

Benefits are recorded when paid.

#### **Evaluation of Subsequent Events**

Plan management has evaluated subsequent events through October 9, 2019, which is the date the financial statements were available to be issued and has determined that there were no subsequent events that have occurred through that date that have not already been reflected in the financial statements and / or disclosed in the notes.

### **3. Investments and Notes Receivable from Participants (unaudited)**

All investment information disclosed in the accompanying financial statements and supplemental schedule, including investments held and notes receivable from participants at December 31, 2018 and 2017, and net depreciation in fair value of investments, interest and dividends and interest income on notes receivable from participants for the year ended December 31, 2018, was obtained or derived from information provided to the plan administrator and certified as complete and accurate by the Trustee.

### **4. Fair Value Measurements**

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value hierarchy distinguishes between (1) market participant assumptions developed based on market data obtained from independent sources (observable inputs) and (2) an entity's own assumptions about market participant assumptions developed based on the best information available in the circumstances (unobservable inputs). The fair value hierarchy consists of three broad levels, which 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). The three levels of the fair value hierarchy in ASC 820 are described in Note 2.

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level input that is significant to the fair value measure in its entirety. Following is a description of the valuation techniques and inputs used for each major class of assets measured at fair value:

**Registered investment companies (mutual funds):** Valued at quoted prices from an active market which represents the net asset value ("NAV") of shares held by the Plan at year-end.

**Common / collective trusts:** Valued using the NAV provided by the trustee as a practical expedient, and are therefore not classified within the fair value hierarchy. The NAV is based on the value of the underlying assets held by the fund, less its liabilities. This practical expedient is not used when it is deemed probable that the fund will sell the investment for an amount different than the reported NAV.

**Pooled separate accounts:** The fair values of participation units in the pooled separate accounts are based upon the NAV of such accounts, which are provided by the trustee. The NAV is based on the underlying assets owned by the account less liabilities and then divided by the number of shares outstanding.

## Aleris 401(k) Plan for Davenport Union

### Notes to Financial Statements (continued)

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

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

| <b>Assets at Fair Value as of December 31, 2018</b> |                      |                     |                |                |
|-----------------------------------------------------|----------------------|---------------------|----------------|----------------|
|                                                     | <b>Total</b>         | <b>Level 1</b>      | <b>Level 2</b> | <b>Level 3</b> |
| Mutual funds:                                       |                      |                     |                |                |
| Large U.S. equity                                   | \$ 3,337,228         | \$ 3,337,228        | \$ -           | \$ -           |
| Small/Mid U.S. equity                               | 2,030,068            | 2,030,068           | -              | -              |
| International equity                                | 642,994              | 642,994             | -              | -              |
| Fixed income                                        | 134,378              | 134,378             | -              | -              |
| Total assets in the fair value hierarchy            | 6,144,668            | 6,144,668           | -              | -              |
| Investments measured at NAV (a)                     | 21,215,918           |                     |                |                |
| Total assets                                        | <u>\$ 27,360,586</u> | <u>\$ 6,144,668</u> | <u>\$ -</u>    | <u>\$ -</u>    |

  

| <b>Assets at Fair Value as of December 31, 2017</b> |                      |                     |                |                |
|-----------------------------------------------------|----------------------|---------------------|----------------|----------------|
|                                                     | <b>Total</b>         | <b>Level 1</b>      | <b>Level 2</b> | <b>Level 3</b> |
| Mutual funds:                                       |                      |                     |                |                |
| Large U.S. equity                                   | \$ 3,996,933         | \$ 3,996,933        | \$ -           | \$ -           |
| Small/Mid U.S. equity                               | 2,677,469            | 2,677,469           | -              | -              |
| International equity                                | 887,540              | 887,540             | -              | -              |
| Fixed income                                        | 37,737               | 37,737              | -              | -              |
| Total assets in the fair value hierarchy            | 7,599,679            | 7,599,679           | -              | -              |
| Investments measured at NAV (a)                     | 22,578,840           |                     |                |                |
| Total assets                                        | <u>\$ 30,178,519</u> | <u>\$ 7,599,679</u> | <u>\$ -</u>    | <u>\$ -</u>    |

- (a) In accordance with ASC 820-10, certain investments that were measured at NAV (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in the tables are intended to permit reconciliation of the fair value hierarchy to the line items presented in the Statements of Net Assets Available for Benefits.

## Aleris 401(k) Plan for Davenport Union

### Notes to Financial Statements (continued)

The following table summarizes investments measured at fair value based on NAV per share as of December 31, 2018 and 2017:

|                                                  | As of December 31,   |                      |
|--------------------------------------------------|----------------------|----------------------|
|                                                  | 2018                 | 2017                 |
| Pooled separate accounts                         |                      |                      |
| Large U.S. equity (a)                            | \$ 6,682,399         | \$ 7,214,330         |
| International equity (b)                         | 26,481               | 21,728               |
| Fixed income (c)                                 | 605,448              | 676,609              |
| Common / collective trusts                       |                      |                      |
| Balanced funds (d)                               | 8,599,093            | 9,799,195            |
| Short-term fixed income (e)                      | 5,302,497            | 4,866,978            |
| Total assets measured at fair value based on NAV | <u>\$ 21,215,918</u> | <u>\$ 22,578,840</u> |

- (a) **Large U.S. equity:** This asset class is generally comprised of investment options that invest in stocks, or shares of ownership in large, well-established, U.S. companies. These investment options typically carry more risk than fixed income investment options but have the potential for higher returns over longer time periods. They may be an appropriate choice for long-term investors who are seeking the potential for growth. There are no redemption restrictions or unfunded commitments on this investment. The Plan has the ability to redeem the investment at the NAV (or its equivalent) in the near term.
- (b) **International equity:** This asset class is comprised of investment options that invest in stocks, or shares of ownership in companies with their principal place of business or office outside the United States. These investment options often carry more risk than U.S. equity investment options but may have the potential for higher returns. They may be an appropriate choice for long-term investors who are seeking the potential for growth. There are no redemption restrictions or unfunded commitments on this investment. The Plan has the ability to redeem the investment at the NAV (or its equivalent) in the near term.
- (c) **Fixed income:** This asset class is generally comprised of investment options that invest in bonds, or debt of a company or government entity (including U.S. and Non-U.S.). It may also include real estate investment options that directly own property. These investment options typically carry more risk than short-term fixed income investment options (including, for real estate investment options, liquidity risk), but less overall risk than equities. There are no redemption restrictions or unfunded commitments on this investment. The Plan has the ability to redeem the investment at the NAV (or its equivalent) in the near term.
- (d) **Balanced funds:** This asset class is generally comprised of a combination of fixed income and equity investment options. These investment options may include balanced, asset allocation, target-date, and target-risk investment options. There are no redemption restrictions or unfunded commitments on these investments. The Plan has the ability to redeem these investments at the NAV (or its equivalent) in the near term.
- (e) **Short-term fixed income:** This asset class is generally comprised of short-term, fixed-income investment options that are largely liquid and are designed to not lose much value. These investment options may include stable value, money market, short-term bond, and guaranteed interest accounts. They are considered to be among the least risky forms of investment options. However, they typically have a lower rate of return than equities or longer-term fixed income investment options over long

## **Aleris 401(k) Plan for Davenport Union**

### **Notes to Financial Statements (continued)**

periods of time. There are no redemption restrictions or unfunded commitments on this investment. The Plan has the ability to redeem this investment at the NAV (or its equivalent) at the measurement date.

The Company's Benefits Committee is responsible for determining the Plan's valuation policies and analyzing information provided by the investment Trustee and issuers that is used to determine the fair value of the Plan's investments. The Company's Benefits Committee is comprised of various members of the Company's management (including the Company's Chief Financial Officer, General Counsel and Executive Vice President, and Chief Human Resources Officer) and reports to the Company's Board of Directors. The Company also has established policies and procedures that relate to the approval of all new Level 3 assets in which the Plan is permitted to invest.

#### **5. Administrative Expenses**

All administrative expenses are paid by the Plan, except for audit fees that are paid by the Plan Sponsor.

#### **6. Tax Status**

The IRS determined and informed the Company by a letter dated July 24, 2017, that the Plan and related trust were designed in accordance with applicable sections of the Internal Revenue Code (the "Code"). The Plan was amended and restated since the date of the determination letter. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The plan administrator and the Plan's tax counsel believe the Plan is being operated in compliance with the applicable requirements of the Code and therefore believe the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require Plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to not be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2018 and 2017, there are no uncertain tax positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits in progress.

#### **7. Transactions With Parties-in-Interest**

Several investments of the Plan are investment funds managed by the Trustee. Purchases and sales of investment units of such funds qualify as party-in-interest transactions, as defined by ERISA. Loans to participants are also considered party-in-interest transactions as such participants are employed by the Plan Sponsor. These party-in-interest transactions are exempt from the prohibited rules under ERISA.

**Aleris 401(k) Plan for Davenport Union**

**Notes to Financial Statements (continued)**

**8. Reconciliation of Financial Statements to the Forms 5500**

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

|                                                                | <u><b>December 31,</b></u><br><u><b>2018</b></u> | <u><b>December 31,</b></u><br><u><b>2017</b></u> |
|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Net assets available for benefits per the financial statements | \$ 28,281,994                                    | \$ 31,046,275                                    |
| Deemed distributions of participant loans                      | <u>(310,818)</u>                                 | <u>(368,070)</u>                                 |
| Net assets available for benefits per the Forms 5500           | <u><u>\$ 27,971,176</u></u>                      | <u><u>\$ 30,678,205</u></u>                      |

The following is a reconciliation of the net decrease per the financial statements to the Form 5500 for the year ended December 31, 2018:

|                                                     |                              |
|-----------------------------------------------------|------------------------------|
| Net decrease per the financial statements           | \$ (2,764,281)               |
| Change in deemed distributions of participant loans | <u>57,252</u>                |
| Net loss per the Form 5500                          | <u><u>\$ (2,707,029)</u></u> |

**Aleris 401(k) Plan for Davenport Union**

**EIN # 20-8451513 Plan # 002**

**Schedule H, Line 4i – Schedule of Assets (Held at End of Year)**

**December 31, 2018**

| (a)                                                         | (b)                                                                                                               | (c)    | (d)              | (e)                  |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------|------------------|----------------------|
| Identity of<br>Issue, Borrower,<br>Lessor, or Similar Party | Description of Investment,<br>Including Maturity Date,<br>Rate of Interest, Collateral,<br>Par, or Maturity Value | Cost** | Current<br>Value |                      |
| <u>Pooled Separate Accounts</u>                             |                                                                                                                   |        |                  |                      |
| * Principal Life Insurance Company                          | Large Cap S&P 500 Index Separate Account – 52,047 units                                                           |        | \$               | 6,682,399            |
| * Principal Life Insurance Company                          | Bond and Mortgage Separate Account – 4,585 units                                                                  |        |                  | 605,448              |
| * Principal Life Insurance Company                          | International Small Cap Separate Account – 237 units                                                              |        |                  | 26,481               |
| Total Pooled Separate Accounts                              |                                                                                                                   |        |                  | 7,314,328            |
| <u>Common/Collective Trusts</u>                             |                                                                                                                   |        |                  |                      |
| * Principal Life Insurance Company                          | Stable Value Z Fund – 240,401 units                                                                               |        |                  | 5,302,497            |
| * Principal Life Insurance Company                          | Lifetime 2030 Hybrid CIT – 132,405 units                                                                          |        |                  | 3,282,315            |
| * Principal Life Insurance Company                          | Lifetime 2040 Hybrid CIT – 75,420 units                                                                           |        |                  | 1,976,767            |
| * Principal Life Insurance Company                          | Lifetime 2020 Hybrid CIT – 58,289 units                                                                           |        |                  | 1,326,664            |
| * Principal Life Insurance Company                          | Lifetime 2050 Hybrid CIT – 43,316 units                                                                           |        |                  | 1,162,172            |
| * Principal Life Insurance Company                          | Lifetime Hybrid Inc. CIT – 40,143 units                                                                           |        |                  | 658,345              |
| * Principal Life Insurance Company                          | Lifetime 2060 Hybrid CIT – 12,723 units                                                                           |        |                  | 164,512              |
| * Principal Life Insurance Company                          | Lifetime 2010 Hybrid CIT – 1,415 units                                                                            |        |                  | 28,318               |
| Total Common/Collective Trusts                              |                                                                                                                   |        |                  | 13,901,590           |
| <u>Registered Investment Companies</u>                      |                                                                                                                   |        |                  |                      |
| The American Funds                                          | AM FDS Growth Fund of AM R6 Fund – 75,198 shares                                                                  |        |                  | 3,214,695            |
| Vanguard Group                                              | Mid Cap Growth Fund – 29,239 shares                                                                               |        |                  | 1,505,213            |
| The American Funds                                          | AM FDS Europacific Growth R6 Fund – 14,292 shares                                                                 |        |                  | 642,994              |
| Vanguard Group                                              | Small Cap Investor Fund – 8,301 shares                                                                            |        |                  | 524,855              |
| Vanguard Group                                              | Total Bond Market Index Instl Fund – 12,859 shares                                                                |        |                  | 134,378              |
| Vanguard Group                                              | Windsor II ADM Fund – 2,220 shares                                                                                |        |                  | 122,533              |
| Total Registered Investment Companies                       |                                                                                                                   |        |                  | 6,144,668            |
| * Participant Loans                                         | Interest rates ranging from 4.25% to 6.50%                                                                        |        |                  | 610,590              |
|                                                             |                                                                                                                   |        |                  | <u>\$ 27,971,176</u> |

\*Denotes a party-in-interest to the Plan.

\*\*Cost is not required to be presented as all of the investments are participant-directed.

**SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

A 401() P D U

EIN 20 8451513  
 PLAN NUMBER 001  
 PLAN YEAR 01/01/2018 TO 12/31/2018

| (A) | (B)<br>Identity of issuer, borrower,<br>lessor or similar party. | (C)<br>Description of investment including maturity date,<br>rate of interest, collateral, par or maturity value. | (D)<br>Cost | (E)<br>Current Value |
|-----|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|----------------------|
|     | The American Funds                                               | Registered Investment Company<br>Am Fds EuroPacific Grth R6 Fd                                                    | \$ 0.00     | \$ 642,993.80        |
|     | The American Funds                                               | Registered Investment Company<br>Am Fds Grth Fd of Am R6 Fund                                                     | \$ 0.00     | \$ 3,214,695.13      |
| *   | Principal Life Insurance Company                                 | Pooled Separate Accounts<br>Prin Core Plus Bond Sep Acct-Z                                                        | \$ 0.00     | \$ 605,447.99        |
| *   | Principal Life Insurance Company                                 | Pooled Separate Accounts<br>Prin Intl SmallCap Sep Acct-Z                                                         | \$ 0.00     | \$ 26,481.12         |
| *   | Principal Life Insurance Company                                 | Pooled Separate Accounts<br>Prin LgCp S&P 500 Index SA-Z                                                          | \$ 0.00     | \$ 6,682,399.27      |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr Inc CIT Z                                                           | \$ 0.00     | \$ 658,344.64        |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr 2010 CIT Z                                                          | \$ 0.00     | \$ 28,317.51         |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr 2020 CIT Z                                                          | \$ 0.00     | \$ 1,326,664.40      |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr 2030 CIT Z                                                          | \$ 0.00     | \$ 3,282,314.50      |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr 2040 CIT Z                                                          | \$ 0.00     | \$ 1,976,767.43      |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr 2050 CIT Z                                                          | \$ 0.00     | \$ 1,162,172.17      |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Prin LifeTime Hybr 2060 CIT Z                                                          | \$ 0.00     | \$ 164,512.07        |
| *   | Principal Global Investors Trust Co                              | Common/Collective Trust<br>Principal Stable Value Z Fund                                                          | \$ 0.00     | \$ 5,302,497.00      |
|     | Vanguard Group                                                   | Registered Investment Company<br>Vanguard MidCp Grth Idx Adm Fd                                                   | \$ 0.00     | \$ 1,505,213.02      |
|     | Vanguard Group                                                   | Registered Investment Company<br>Vanguard Sm Cap Index Adm Fund                                                   | \$ 0.00     | \$ 524,855.28        |

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

A 401() P D U  
EIN 20 8451513  
PLAN NUMBER 001  
PLAN YEAR 01/01/2018 TO 12/31/2018

| (A) | (B)<br>Identity of issuer, borrower,<br>lessor or similar party. | (C)<br>Description of investment including maturity date,<br>rate of interest, collateral, par or maturity value. | (D)<br>Cost | (E)<br>Current Value |
|-----|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|----------------------|
|     | Vanguard Group                                                   | Registered Investment Company<br>Vanguard Ttl Bd Mkt Idx Inst                                                     | \$ 0.00     | \$ 134,377.68        |
|     | Vanguard Group                                                   | Registered Investment Company<br>Vanguard Windsor II Adm Fund                                                     | \$ 0.00     | \$ 122,532.81        |
| *   | Participant Loans                                                | Range of Interest Rates<br>Rates Range From 4.25% To 6.50%                                                        | \$ 0.00     | \$ 610,590.00        |
|     |                                                                  |                                                                                                                   |             |                      |
|     |                                                                  |                                                                                                                   |             |                      |
|     |                                                                  |                                                                                                                   |             |                      |
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|     |                                                                  |                                                                                                                   |             |                      |