

|                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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><p style="text-align: center;">▶ <b>Complete all entries in accordance with the instructions to the Form 5500.</b></p> | OMB Nos. 1210-0110<br>1210-0089<br><br><div style="text-align: center; font-size: 1.2em; font-weight: bold;">2022</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 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</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 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>E</b> If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. .... ▶ | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------|
| <b>Part II Basic Plan Information</b> —enter all requested information                                                                                                                                                                                                                                                                                                                                         |           |                                                           |
| <b>1a</b> Name of plan<br><u>MSA RETIREMENT SAVINGS PLAN</u>                                                                                                                                                                                                                                                                                                                                                   | <b>1b</b> | Three-digit plan number (PN) ▶ <u>002</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>MSA WORLDWIDE, LLC</u><br><br><u>1000 CRANBERRY WOODS DRIVE</u><br><u>MSA CORPORATE CENTER</u><br><u>CRANBERRY TOWNSHIP, PA 16066-5207</u> | <b>1c</b> | Effective date of plan<br><u>10/01/1996</u>               |
|                                                                                                                                                                                                                                                                                                                                                                                                                | <b>2b</b> | Employer Identification Number (EIN)<br><u>46-4914866</u> |
|                                                                                                                                                                                                                                                                                                                                                                                                                | <b>2c</b> | Plan Sponsor's telephone number<br><u>724-742-8000</u>    |
|                                                                                                                                                                                                                                                                                                                                                                                                                | <b>2d</b> | Business code (see instructions)<br><u>327900</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. | 07/28/2023 | JESSICA GUSMAR                                               |
|                  | Signature of plan administrator                   | Date       | Enter name of individual signing as plan administrator       |
| <b>SIGN HERE</b> |                                                   |            |                                                              |
|                  | 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 (2022)  
v. 220413

|                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------|
| <b>3a</b> Plan administrator's name and address <input type="checkbox"/> Same as Plan Sponsor<br><br>EMPLOYEE BENEFIT ADMINISTRATIVE COMMITTEE<br>C/O MSA WORLDWIDE, LLC<br>1000 CRANBERRY WOODS DRIVE<br>CRANBERRY TOWNSHIP, PA 16066-5207                                                                                                                                                                                |      | <b>3b</b> Administrator's EIN<br>90-0725728                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |      |
| <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>3c</b> Administrator's telephone number<br>724-742-8000                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |      |
| <b>5</b> Total number of participants at the beginning of the plan year                                                                                                                                                                                                                                                                                                                                                    |      | <b>4b</b> EIN<br><br><b>4d</b> PN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |      |
| <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> ).                                                                                                                                                                                                                           |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>5</b></td> <td style="width: 90%; text-align: right;">2575</td> </tr> </table>                                                                                                                                                                                                                                                                                                                     | <b>5</b>     | 2575 |
| <b>5</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | 2575 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>a(1)</b> Total number of active participants at the beginning of the plan year .....                                                                                                                                                                                                                                                                                                                                    |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6a(1)</b></td> <td style="width: 90%; text-align: right;">2113</td> </tr> </table>                                                                                                                                                                                                                                                                                                                 | <b>6a(1)</b> | 2113 |
| <b>6a(1)</b>                                                                                                                                                                                                                                                                                                                                                                                                               | 2113 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>a(2)</b> Total number of active participants at the end of the plan year .....                                                                                                                                                                                                                                                                                                                                          |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6a(2)</b></td> <td style="width: 90%; text-align: right;">2221</td> </tr> </table>                                                                                                                                                                                                                                                                                                                 | <b>6a(2)</b> | 2221 |
| <b>6a(2)</b>                                                                                                                                                                                                                                                                                                                                                                                                               | 2221 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>b</b> Retired or separated participants receiving benefits .....                                                                                                                                                                                                                                                                                                                                                        |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6b</b></td> <td style="width: 90%; text-align: right;">5</td> </tr> </table>                                                                                                                                                                                                                                                                                                                       | <b>6b</b>    | 5    |
| <b>6b</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 5    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>c</b> Other retired or separated participants entitled to future benefits.....                                                                                                                                                                                                                                                                                                                                          |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6c</b></td> <td style="width: 90%; text-align: right;">497</td> </tr> </table>                                                                                                                                                                                                                                                                                                                     | <b>6c</b>    | 497  |
| <b>6c</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 497  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> .....                                                                                                                                                                                                                                                                                                                                                |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6d</b></td> <td style="width: 90%; text-align: right;">2723</td> </tr> </table>                                                                                                                                                                                                                                                                                                                    | <b>6d</b>    | 2723 |
| <b>6d</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 2723 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. ....                                                                                                                                                                                                                                                                                                                 |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6e</b></td> <td style="width: 90%; text-align: right;">6</td> </tr> </table>                                                                                                                                                                                                                                                                                                                       | <b>6e</b>    | 6    |
| <b>6e</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 6    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> .....                                                                                                                                                                                                                                                                                                                                                                    |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6f</b></td> <td style="width: 90%; text-align: right;">2729</td> </tr> </table>                                                                                                                                                                                                                                                                                                                    | <b>6f</b>    | 2729 |
| <b>6f</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 2729 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>g</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....                                                                                                                                                                                                                                                                             |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6g</b></td> <td style="width: 90%; text-align: right;">2540</td> </tr> </table>                                                                                                                                                                                                                                                                                                                    | <b>6g</b>    | 2540 |
| <b>6g</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 2540 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....                                                                                                                                                                                                                                                                                  |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>6h</b></td> <td style="width: 90%; text-align: right;">97</td> </tr> </table>                                                                                                                                                                                                                                                                                                                      | <b>6h</b>    | 97   |
| <b>6h</b>                                                                                                                                                                                                                                                                                                                                                                                                                  | 97   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....                                                                                                                                                                                                                                                                                       |      | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;"><b>7</b></td> <td style="width: 90%;"></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                            | <b>7</b>     |      |
| <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 2S 2T 3H                                                                                                                                                                                                                                    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <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 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>10</b> Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)                                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |      |
| <b>a Pension Schedules</b><br>(1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)<br><br>(2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary<br><br>(3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary |      | <b>b General Schedules</b><br>(1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information)<br>(2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan)<br>(3) <input checked="" type="checkbox"/> <b>1 A</b> (Insurance Information)<br>(4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information)<br>(5) <input checked="" type="checkbox"/> <b>D</b> (DFE/Participating Plan Information)<br>(6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules) |              |      |

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

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

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

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

**11c** Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 \_\_\_\_\_

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                    |                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <div>SCHEDULE A</div> <div>(Form 5500)</div> <div>Department of the Treasury</div> <div>Internal Revenue Service</div> <div>Department of Labor</div> <div>Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div> | <div>Insurance Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div> <div>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).</div> | <div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection</div> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|

|                                                                                            |                                                      |
|--------------------------------------------------------------------------------------------|------------------------------------------------------|
| For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022 |                                                      |
| A Name of plan<br>MSA RETIREMENT SAVINGS PLAN                                              | B Three-digit plan number (PN) ▶ 002                 |
| C Plan sponsor's name as shown on line 2a of Form 5500<br>MSA WORLDWIDE, LLC               | D Employer Identification Number (EIN)<br>46-4914866 |

|        |                                                                           |                                                                                                                                                                    |
|--------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part I | Information Concerning Insurance Contract Coverage, Fees, and Commissions | 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. |
|--------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|

1 Coverage Information:

|                                                                   |
|-------------------------------------------------------------------|
| (a) 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         | 430903                                | 11                                                                          | 01/01/2022              | 12/31/2022 |

2 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.

|                                      |                               |
|--------------------------------------|-------------------------------|
| (a) Total amount of commissions paid | (b) Total amount of fees paid |
| 0                                    | 0                             |

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| (a) 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) 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> 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> 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> 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> 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> 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> |         |
| <b>5</b> | Current value of plan's interest under this contract in separate accounts at year end.....   | <b>5</b> | 1283021 |

**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 ▶ FLEXIBLE INVESTMENT ANNUITY

|          |                                                                                                |              |   |
|----------|------------------------------------------------------------------------------------------------|--------------|---|
| <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> | 0 |
| <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> | 0 |
| <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>    |   |

**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. ....<br>Specify nature of costs. | <b>10b</b> |  |

**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. ▶

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             |                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury<br/>Internal Revenue Service</div> <div>Department of Labor<br/>Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div> | <div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div> | OMB No. 1210-0110                       |
|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             | 2022                                    |
|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                             | This Form is Open to Public Inspection. |

|                                                                                            |                                                      |     |
|--------------------------------------------------------------------------------------------|------------------------------------------------------|-----|
| For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022 |                                                      |     |
| A Name of plan<br>MSA RETIREMENT SAVINGS PLAN                                              | B Three-digit plan number (PN) ▶                     | 002 |
|                                                                                            |                                                      |     |
| C Plan sponsor's name as shown on line 2a of Form 5500<br>MSA WORLDWIDE, LLC               | D Employer Identification Number (EIN)<br>46-4914866 |     |

|        |                                                 |
|--------|-------------------------------------------------|
| Part I | Service Provider Information (see instructions) |
|--------|-------------------------------------------------|

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| (b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation |
| FIDELITY INV INSTIT OPER CO., INC.                                                                         |
| 04-2647786                                                                                                 |

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

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

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| (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)

REED SMITH LLP

25-0749630

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<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-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 29                     | LEGAL                                                                                             | 28406                                                                  | Yes <input type="checkbox"/> No <input checked="" 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)

BAKER TILLY US, LLP

39-0859910

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<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-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 10                     | AUDITOR                                                                                           | 23310                                                                  | Yes <input type="checkbox"/> No <input checked="" 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)

FIDELITY INV INSTIT OPER CO., INC.

04-2647786

| (b)<br>Service Code(s) | (c)<br>Relationship to employer, employee organization, or person known to be a party-in-interest | (d)<br>Enter direct compensation paid by the plan. If none, enter -0-. | (e)<br>Did service provider receive indirect compensation? (sources other than plan or plan sponsor) | (f)<br>Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures? | (g)<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-. | (h)<br>Did the service provider give you a formula instead of an amount or estimated amount? |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 64 65                  | RECORDKEEPER                                                                                      | 0                                                                      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                                                            | 0                                                                                                                                                                               | Yes <input checked="" 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 |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| FIDELITY INV INSTIT OPER CO., INC.                                                     | 60                                                                                                                                                                 | 0                                         |
| (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. |                                           |
| DST ASSET MANAGER SOLUTIONS<br>430 W 7TH STREET, SUITE 219432<br>KANSAS CITY, MO 64105 | ANNUALIZED FORMULAS: AS EMRG MKTS EQ IS .15%;                                                                                                                      |                                           |
| (a) Enter service provider name as it appears on line 2                                | (b) Service Codes<br>(see instructions)                                                                                                                            | (c) Enter amount of indirect compensation |
| FIDELITY INV INSTIT OPER CO., INC.                                                     | 60                                                                                                                                                                 | 0                                         |
| (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. |                                           |
| US BANCORP FUND SERV, LLC<br><br>39-0281260                                            | ANNUALIZED FORMULA: BAIRD MID CAP INST .06%                                                                                                                        |                                           |
| (a) Enter service provider name as it appears on line 2                                | (b) Service Codes<br>(see instructions)                                                                                                                            | (c) Enter amount of indirect compensation |
| FIDELITY INV INSTIT OPER CO., INC.                                                     | 60                                                                                                                                                                 | 0                                         |
| (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. |                                           |
| T. ROWE PRICE SERVICES, INC.<br><br>52-2269240                                         | ANNUALIZED FORMULA: TRP DIV GROWTH .15%; TRP QM US SM-CP GR-T .15%                                                                                                 |                                           |

**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 |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| FIDELITY INV INSTIT OPER CO., INC.                                  | 60                                                                                                                                                                 | 0                                         |
| (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. |                                           |
| VIRTUS FUND SERVICES LLC<br><br>01-5811722                          | ANNUALIZED FORMULA: VRTS C MDCP VAL EQ I IS .40%;<br>VRTS NFJ SC VAL IS .10%                                                                                       |                                           |
| (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>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                              |
|                                                                                                                                                                           |                                                                                                                                                                                                                              | <b>2022</b>                                    |
|                                                                                                                                                                           |                                                                                                                                                                                                                              | <b>This Form is Open to Public Inspection.</b> |

|                                                                                                          |                                                                    |            |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------|
| For calendar plan year 2022 or fiscal plan year beginning <b>01/01/2022</b> and ending <b>12/31/2022</b> |                                                                    |            |
| <b>A</b> Name of plan<br><b>MSA RETIREMENT SAVINGS PLAN</b>                                              | <b>B</b> Three-digit plan number (PN) ▶                            | <b>002</b> |
|                                                                                                          |                                                                    |            |
| <b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500<br><b>MSA WORLDWIDE, LLC</b>        | <b>D</b> Employer Identification Number (EIN)<br><b>46-4914866</b> |            |

|               |                                                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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) |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: | <b>MANAGED INCOME PORTFOLIO II</b> |
|------------------------------------------------|------------------------------------|

|                                                   |                                  |
|---------------------------------------------------|----------------------------------|
| <b>b</b> Name of sponsor of entity listed in (a): | <b>FIDELITY MANAGEMENT TRUST</b> |
|---------------------------------------------------|----------------------------------|

|                                       |                               |                                                                                                                     |
|---------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <b>04-3022712-025</b> | <b>d</b> Entity code <b>C</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>26590586</b> |
|---------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|

|                                                |                                       |
|------------------------------------------------|---------------------------------------|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: | <b>PRIN U.S. PROPERTY SEP ACCT-R6</b> |
|------------------------------------------------|---------------------------------------|

|                                                   |                                         |
|---------------------------------------------------|-----------------------------------------|
| <b>b</b> Name of sponsor of entity listed in (a): | <b>PRINCIPAL LIFE INSURANCE COMPANY</b> |
|---------------------------------------------------|-----------------------------------------|

|                                       |                               |                                                                                                                    |
|---------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>c</b> EIN-PN <b>42-0127290-027</b> | <b>d</b> Entity code <b>P</b> | <b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <b>1283021</b> |
|---------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------|

|                                                |  |
|------------------------------------------------|--|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: |  |
|------------------------------------------------|--|

|                                                   |  |
|---------------------------------------------------|--|
| <b>b</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) |
|-----------------|----------------------|-----------------------------------------------------------------------------------------------------|

|                                                |  |
|------------------------------------------------|--|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: |  |
|------------------------------------------------|--|

|                                                   |  |
|---------------------------------------------------|--|
| <b>b</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) |
|-----------------|----------------------|-----------------------------------------------------------------------------------------------------|

|                                                |  |
|------------------------------------------------|--|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: |  |
|------------------------------------------------|--|

|                                                   |  |
|---------------------------------------------------|--|
| <b>b</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) |
|-----------------|----------------------|-----------------------------------------------------------------------------------------------------|

|                                                |  |
|------------------------------------------------|--|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: |  |
|------------------------------------------------|--|

|                                                   |  |
|---------------------------------------------------|--|
| <b>b</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) |
|-----------------|----------------------|-----------------------------------------------------------------------------------------------------|

|                                                |  |
|------------------------------------------------|--|
| <b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: |  |
|------------------------------------------------|--|

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

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

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

**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**a** Plan name**b** Name of  
plan sponsor**c** EIN-PN**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**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>2022</b><br><br><b>This Form is Open to Public Inspection</b> |
| For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>                                                                                                                                                                 |                                                                                                                                                                                                                                                                              |                                                                                           |
| <b>A</b> Name of plan<br><u>MSA RETIREMENT SAVINGS PLAN</u>                                                                                                                                                                                                              | <b>B</b> Three-digit plan number (PN) <span style="float: right;">►</span>                                                                                                                                                                                                   | <u>002</u>                                                                                |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500<br><u>MSA WORLDWIDE, LLC</u>                                                                                                                                                                               | <b>D</b> Employer Identification Number (EIN)<br><u>46-4914866</u>                                                                                                                                                                                                           |                                                                                           |

| Part I | Asset and Liability Statement |
|--------|-------------------------------|
|--------|-------------------------------|

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

| Assets                                                                                            |                 | (a) Beginning of Year | (b) End of Year |
|---------------------------------------------------------------------------------------------------|-----------------|-----------------------|-----------------|
| <b>a</b> Total noninterest-bearing cash.....                                                      | <b>1a</b>       |                       |                 |
| <b>b</b> Receivables (less allowance for doubtful accounts):                                      |                 |                       |                 |
| <b>(1)</b> Employer contributions.....                                                            | <b>1b(1)</b>    |                       |                 |
| <b>(2)</b> Participant contributions.....                                                         | <b>1b(2)</b>    |                       |                 |
| <b>(3)</b> Other.....                                                                             | <b>1b(3)</b>    | 12057714              | 6396579         |
| <b>c</b> General investments:                                                                     |                 |                       |                 |
| <b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit).....   | <b>1c(1)</b>    | 0                     | 213990          |
| <b>(2)</b> U.S. Government securities .....                                                       | <b>1c(2)</b>    |                       |                 |
| <b>(3)</b> Corporate debt instruments (other than employer securities):                           |                 |                       |                 |
| <b>(A)</b> Preferred .....                                                                        | <b>1c(3)(A)</b> |                       |                 |
| <b>(B)</b> All other .....                                                                        | <b>1c(3)(B)</b> |                       |                 |
| <b>(4)</b> Corporate stocks (other than employer securities):                                     |                 |                       |                 |
| <b>(A)</b> Preferred .....                                                                        | <b>1c(4)(A)</b> |                       |                 |
| <b>(B)</b> Common.....                                                                            | <b>1c(4)(B)</b> |                       |                 |
| <b>(5)</b> Partnership/joint venture interests .....                                              | <b>1c(5)</b>    |                       |                 |
| <b>(6)</b> Real estate (other than employer real property) .....                                  | <b>1c(6)</b>    |                       |                 |
| <b>(7)</b> Loans (other than to participants).....                                                | <b>1c(7)</b>    |                       |                 |
| <b>(8)</b> Participant loans.....                                                                 | <b>1c(8)</b>    | 0                     | 9952            |
| <b>(9)</b> Value of interest in common/collective trusts.....                                     | <b>1c(9)</b>    | 30112644              | 26590586        |
| <b>(10)</b> Value of interest in pooled separate accounts .....                                   | <b>1c(10)</b>   | 0                     | 1283021         |
| <b>(11)</b> Value of interest in master trust investment accounts.....                            | <b>1c(11)</b>   |                       |                 |
| <b>(12)</b> Value of interest in 103-12 investment entities .....                                 | <b>1c(12)</b>   |                       |                 |
| <b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds).....        | <b>1c(13)</b>   | 356063955             | 284842205       |
| <b>(14)</b> Value of funds held in insurance company general account (unallocated contracts)..... | <b>1c(14)</b>   |                       |                 |
| <b>(15)</b> 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> | 6394551               | 5499695         |
| (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>    | 404628864             | 324836028       |

**Liabilities**

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

**Net Assets**

|                                                           |           |           |           |
|-----------------------------------------------------------|-----------|-----------|-----------|
| <b>l</b> Net assets (subtract line 1k from line 1f) ..... | <b>1l</b> | 404628864 | 324836028 |
|-----------------------------------------------------------|-----------|-----------|-----------|

**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> | 8132178    |           |
| <b>(B)</b> Participants .....                                                                              | <b>2a(1)(B)</b> | 14619267   |           |
| <b>(C)</b> Others (including rollovers) .....                                                              | <b>2a(1)(C)</b> | 1455559    |           |
| (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>    |            | 24207004  |
| <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> | 2972       |           |
| <b>(B)</b> U.S. Government securities .....                                                                | <b>2b(1)(B)</b> |            |           |
| <b>(C)</b> Corporate debt instruments .....                                                                | <b>2b(1)(C)</b> |            |           |
| <b>(D)</b> Loans (other than to participants) .....                                                        | <b>2b(1)(D)</b> |            |           |
| <b>(E)</b> Participant loans .....                                                                         | <b>2b(1)(E)</b> | 1658       |           |
| <b>(F)</b> Other .....                                                                                     | <b>2b(1)(F)</b> |            |           |
| <b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....                              | <b>2b(1)(G)</b> |            | 4630      |
| (2) Dividends: <b>(A)</b> Preferred stock .....                                                            | <b>2b(2)(A)</b> |            |           |
| <b>(B)</b> Common stock .....                                                                              | <b>2b(2)(B)</b> | 72236      |           |
| <b>(C)</b> Registered investment company shares (e.g. mutual funds) .....                                  | <b>2b(2)(C)</b> | 17597047   |           |
| <b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....                  | <b>2b(2)(D)</b> |            | 17669283  |
| (3) Rents .....                                                                                            | <b>2b(3)</b>    |            |           |
| (4) Net gain (loss) on sale of assets: <b>(A)</b> Aggregate proceeds .....                                 | <b>2b(4)(A)</b> | 576765     |           |
| <b>(B)</b> Aggregate carrying amount (see instructions) .....                                              | <b>2b(4)(B)</b> | 703722     |           |
| <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> |            | -126957   |
| (5) Unrealized appreciation (depreciation) of assets: <b>(A)</b> Real estate .....                         | <b>2b(5)(A)</b> |            |           |
| <b>(B)</b> Other .....                                                                                     | <b>2b(5)(B)</b> | -211185    |           |
| <b>(C)</b> Total unrealized appreciation of assets.<br>Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....      | <b>2b(5)(C)</b> |            | -211185   |

|                                                                                                 |        | (a) Amount | (b) Total |
|-------------------------------------------------------------------------------------------------|--------|------------|-----------|
| (6) Net investment gain (loss) from common/collective trusts .....                              | 2b(6)  |            | 354253    |
| (7) Net investment gain (loss) from pooled separate accounts .....                              | 2b(7)  |            |           |
| (8) Net investment gain (loss) from master trust investment accounts .....                      | 2b(8)  |            |           |
| (9) Net investment gain (loss) from 103-12 investment entities.....                             | 2b(9)  |            |           |
| (10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) ..... | 2b(10) |            | -85059780 |
| c Other income .....                                                                            | 2c     |            | 28567     |
| d Total income. Add all <b>income</b> amounts in column (b) and enter total .....               | 2d     |            | -43134185 |
| <b>Expenses</b>                                                                                 |        |            |           |
| e Benefit payment and payments to provide benefits:                                             |        |            |           |
| (1) Directly to participants or beneficiaries, including direct rollovers .....                 | 2e(1)  | 44404185   |           |
| (2) To insurance carriers for the provision of benefits .....                                   | 2e(2)  |            |           |
| (3) Other .....                                                                                 | 2e(3)  |            |           |
| (4) Total benefit payments. Add lines 2e(1) through (3) .....                                   | 2e(4)  |            | 44404185  |
| f Corrective distributions (see instructions) .....                                             | 2f     |            |           |
| g Certain deemed distributions of participant loans (see instructions) .....                    | 2g     |            |           |
| h Interest expense .....                                                                        | 2h     |            |           |
| i Administrative expenses: (1) Professional fees .....                                          | 2i(1)  | 51716      |           |
| (2) Contract administrator fees .....                                                           | 2i(2)  |            |           |
| (3) Investment advisory and management fees .....                                               | 2i(3)  | 78627      |           |
| (4) Other .....                                                                                 | 2i(4)  | -196982    |           |
| (5) Total administrative expenses. Add lines 2i(1) through (4) .....                            | 2i(5)  |            | -66639    |
| j Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....            | 2j     |            | 44337546  |
| <b>Net Income and Reconciliation</b>                                                            |        |            |           |
| k Net income (loss). Subtract line 2j from line 2d .....                                        | 2k     |            | -87471731 |
| l Transfers of assets:                                                                          |        |            |           |
| (1) To this plan .....                                                                          | 2l(1)  |            | 7678895   |
| (2) From this plan .....                                                                        | 2l(2)  |            |           |

**Part III Accountant's Opinion**

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

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

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

**b** Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: **BAKER TILLY US, LLP**

(2) EIN: **30-0859910**

**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.) .....

|    | Yes | No | Amount |
|----|-----|----|--------|
| 4a | X   |    | 450925 |

|                                                                                                                                                                                                                                                                                                            | Yes | No | Amount   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----------|
| <b>b</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.) |     |    |          |
| <b>4b</b>                                                                                                                                                                                                                                                                                                  |     | X  |          |
| <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  |          |
| <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  |          |
| <b>e</b> Was this plan covered by a fidelity bond?                                                                                                                                                                                                                                                         | 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?                                                                                                                                                                          |     | X  |          |
| <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.)                                                                                                                                                   | X   |    |          |
| <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>                                                                                                                                                                                                                                                                                                  |     | X  |          |

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

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

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

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

|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <div>SCHEDULE R<br/>(Form 5500)<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</div>                                                                                                                            | <div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>► File as an attachment to Form 5500.</div> | <div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div> |
| For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| A Name of plan<br>MSA RETIREMENT SAVINGS PLAN                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  | B Three-digit plan number (PN) ► 002                                                            |
| C Plan sponsor's name as shown on line 2a of Form 5500<br>MSA WORLDWIDE, LLC                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                  | D Employer Identification Number (EIN)<br>46-4914866                                            |
| Part I Distributions                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| All references to distributions relate only to payments of benefits during the plan year.                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                  | 1 0                                                                                             |
| 2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):<br><br>EIN(s): 04-6568107                                                                                                       |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                  | 3                                                                                               |
| Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A<br>If the plan is a defined benefit plan, go to line 8.                                                                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____<br>If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.       |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                  | 6a                                                                                              |
| b Enter the amount contributed by the employer to the plan for this plan year.....                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                  | 6b                                                                                              |
| c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                  | 6c                                                                                              |
| If you completed line 6c, skip lines 8 and 9.                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Part III Amendments                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... <input type="checkbox"/> Increase <input type="checkbox"/> Decrease <input type="checkbox"/> Both <input type="checkbox"/> No          |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                  |                                                                                                 |
| 10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| 11 a Does the ESOP hold any preferred stock?.....                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                        |
| 12 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) 2022 v. 220413                                                           |

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

**13** Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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): \_\_\_\_\_

|                                                                                                                                                                                                                                                                                                                                 |                          |            |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------|------------|
| <b>14</b> Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:                                                                                                            | <b>14a</b>               |            |            |
| <b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment)..... |                          | <b>14b</b> |            |
| <b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....                                                                                                |                          |            | <b>14c</b> |
| <b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) .....                                                                                                                           |                          |            |            |
| <b>15</b> 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:                                                                                                                                          | <b>15a</b>               |            |            |
| <b>a</b> The corresponding number for the plan year immediately preceding the current plan year.....                                                                                                                                                                                                                            |                          | <b>15b</b> |            |
| <b>b</b> The corresponding number for the second preceding plan year.....                                                                                                                                                                                                                                                       |                          |            |            |
| <b>16</b> Information with respect to any employers who withdrew from the plan during the preceding plan year:                                                                                                                                                                                                                  | <b>16a</b>               |            |            |
| <b>a</b> Enter the number of employers who withdrew during the preceding plan year .....                                                                                                                                                                                                                                        |                          | <b>16b</b> |            |
| <b>b</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.....                                                                                                                                                           |                          |            |            |
| <b>17</b> 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 .....                                                                                           | <input type="checkbox"/> |            |            |

**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): \_\_\_\_\_

**20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

**a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

**b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation \_\_\_\_\_

MSA RETIREMENT SAVINGS PLAN

FINANCIAL STATEMENTS AND SUPPLEMENTARY INFORMATION

DECEMBER 31, 2022, AND 2021

MSA RETIREMENT SAVINGS PLAN  
FINANCIAL STATEMENTS AND SUPPLEMENTARY INFORMATION

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- \* Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.

## **Independent Auditors' Report**

To the Participants and Plan Administrator of  
MSA Retirement Savings Plan

### **Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements**

We have performed an audit of the financial statements of the MSA Retirement Savings Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2022, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the Plan's 2022 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 8 to the financial statements, is complete and accurate.

### **Opinion on the 2022 Financial Statements**

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2022 Financial Statements section:

- the amounts and disclosures in the accompanying 2022 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the accompanying 2022 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

### **Basis for Opinion on the 2022 Financial Statements**

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2022 Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion on the 2022 financial statements.

## **Responsibilities of Management for the 2022 Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

## **Auditors' Responsibilities for the Audit of the 2022 Financial Statements**

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2022 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the 2022 financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings and certain internal control-related matters that we identified during the audit.

#### **Other Matter — 2022 Supplemental Schedules Required by ERISA**

The supplemental schedules of (1) Schedule H, Line 4i (Form 5500) - Schedule of Assets (Held at End of Year) and (2) Schedule H, Line 4a (Form 5500) - Schedule of Delinquent Participant Contributions as of or for the year ended December 31, 2022 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

#### **Other Matter — Auditors' Report on the 2021 Financial Statements**

We have audited the statement of net assets available for benefits of the Plan as of December 31, 2021 and the related statement of changes in net assets available for benefits for the year ended December 31, 2021, and in our report dated June 29, 2022, we expressed an unmodified opinion on those 2021 financial statements.

*Baker Tilly US, LLP*

Pittsburgh, Pennsylvania  
July 27, 2023

MSA RETIREMENT SAVINGS PLAN  
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS  
(Dollars in thousands)

|                                    | December 31, |            |
|------------------------------------|--------------|------------|
|                                    | 2022         | 2021       |
| Investments, at fair value:        |              |            |
| Registered investment companies    | \$ 284,842   | \$ 356,064 |
| Common collective trust            | 26,591       | 30,113     |
| Pooled separate account            | 1,283        | —          |
| MSA common stock fund              | 5,714        | 6,394      |
| Total investments, at fair value   | 318,430      | 392,571    |
| Notes receivable from participants | 10           | —          |
| Plan transfer receivable (Note 1)  | 6,396        | 12,058     |
| Total Assets                       | 324,836      | 404,629    |
| Liabilities                        | —            | —          |
| Net assets available for benefits  | 324,836      | 404,629    |

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

MSA RETIREMENT SAVINGS PLAN  
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS  
(Dollars in thousands)

|                                                              | For the year ended<br>December 31, |            |
|--------------------------------------------------------------|------------------------------------|------------|
|                                                              | 2022                               | 2021       |
| Investment (loss) income:                                    |                                    |            |
| Net (depreciation) appreciation in fair value of investments | \$ (85,294)                        | \$ 23,091  |
| Interest                                                     | 354                                | 354        |
| Dividends                                                    | 17,596                             | 29,725     |
| Total investment (loss) income                               | (67,344)                           | 53,170     |
| Interest income on notes receivable from participants        | 2                                  | —          |
| Revenue sharing                                              | 447                                | 491        |
| Participants' contributions                                  | 14,619                             | 13,696     |
| Participants' contributions – rollovers                      | 1,456                              | 1,309      |
| Employer contributions                                       | 8,132                              | 7,305      |
| Plan transfer (Note 1)                                       | 7,679                              | 12,058     |
| Total (Subtractions) Additions                               | (35,009)                           | 88,029     |
| <br>Distributions to participants                            | <br>44,404                         | <br>46,738 |
| Administrative expenses                                      | 380                                | 298        |
| Total Deductions                                             | 44,784                             | 47,036     |
| <br>Net (decrease) increase                                  | <br>(79,793)                       | <br>40,993 |
| Net assets available for benefits:                           |                                    |            |
| Beginning of year                                            | 404,629                            | 363,636    |
| End of year                                                  | 324,836                            | 404,629    |

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

MSA RETIREMENT SAVINGS PLAN  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2022 AND 2021  
(Dollars in thousands)

Note 1 – Description of Plan

The description of the MSA Retirement Savings Plan (“Plan”) provided below is for general information purposes only. More complete information is included in the applicable plan document.

The Plan is a defined contribution plan maintained by MSA Safety Incorporated (“MSA” or the “Company”) for eligible U.S. employees (“Participants”). The Plan provides for automatic enrollment of new Participants at a Participant contribution rate of 5% of the Participant’s pre-tax earnings. Participants may elect to not contribute or change their contribution rate during a 45-day election period. Participants may elect to contribute from 1% to 50% of their pre-tax earnings up to the maximum limits of the Internal Revenue Code (“IRC”). The Plan allows for matching contributions equal to 100% of the first 5% of a Participant’s eligible pay. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined contribution plans (rollovers). The Plan permits deferral of federal income taxes on Participants’ contributions, as provided for under Section 401(k) of the IRC, and the Plan permits after-tax contributions for the remainder of the Plan year after the employee has reached the deferral limit.

The Bacharach, Inc. 401(k) Savings Plan was merged into the Plan effective December 31, 2021. As a result, net assets available for benefits of approximately \$12,058 were transferred to the Plan. This transfer of net assets available for benefits was in transit as of December 31, 2021, and has therefore been recorded as a transfer receivable in the Statements of Net Assets Available for Benefits.

The Sierra Monitor Corporation 401(k) Savings Plan was merged into the Plan effective December 31, 2022. As a result, net assets available for benefits of approximately \$7,679 were transferred to the Plan. This transfer of net assets available for benefits was mostly in transit as of December 31, 2022, and has therefore been recorded as a transfer receivable in the Statements of Net Assets Available for Benefits.

The Plan provides investment options in registered investment companies, a common collective trust, a pooled separate account, and Company common stock. Participants may direct the investment of their account into any combination of the available investment options. Effective June 15, 2023, the Company’s common stock was removed from the Plan as an available investment option. In addition, the Company filed a post-effective amendment to the registration statements related to the Plan that de-registered the unsold shares of Company common stock held by the Plan as of December 31, 2022.

Participants are vested immediately in their contributions plus actual earnings thereon. Company matching contributions vest after two years of continuous service with the Company. Each Participant’s account is credited with the Participant’s contributions and allocations of (a) the Company’s matching contributions and (b) Plan earnings, and charged with an allocation of administrative expenses. Allocations are based on Participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a Participant is entitled is the benefit that can be provided from the Participant’s vested account. Participants or their beneficiaries are entitled to the current value of their accounts in the Plan upon death or upon termination of their employment with the Company after attainment of the vesting period.

On termination of service due to death, disability, retirement, or other reasons, Participants may elect to receive a distribution of their vested account balance as a single sum or in monthly installments, request a direct rollover of their vested account balance into an eligible retirement plan, or maintain their account balance in the Plan, subject to

certain restrictions. The Plan generally does not permit hardship withdrawals, with the exception of certain predecessor plan balances.

Participant loans are not permitted by the Plan. As a result of Plan mergers, the Plan will occasionally hold existing participant loans through the settlement period. On January 3, 2022, Bacharach Plan participant loan balances of \$38 were transferred into the Plan. The loans bear interest at rates that range from 4.25% to 5.25% and are collectible over various settlement periods into February 2026. Participant loans held at December 31, 2022, were \$10.

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

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 at any time according to the provisions of ERISA. In the event of Plan termination, Participants will become fully vested in their accounts and will receive a lump sum cash payment, or some other method of payment in accordance with the Plan provisions, equal to their vested account balance.

The Plan is administered by a committee appointed by the Board of Directors of the Company. The committee establishes rules of procedure, interprets the provisions of the Plan, and decides all questions of administration.

Fidelity Management Trust Company is the trustee of the Plan. Fidelity Workplace Services LLC provides recordkeeping services for the Plan.

#### Note 2 – Summary of Significant Accounting Policies

*Accounting method* – The financial statements of the Plan are prepared using the accrual basis of accounting.

*Use of estimates* – The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (“U.S. GAAP”) requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

*Investments* – The Plan's investments are reported at fair value and consist of various registered investment companies, a common collective trust (Fidelity Managed Income Portfolio II) and the MSA common stock fund. See Note 4 for discussion of fair value measurements.

The average yield to maturity and crediting interest rate for the insurance contracts held within the common collective trust was 1.7% and 1.1% at December 31, 2022, and 2021, respectively.

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

*Notes receivable from participants* – Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent notes receivable from participants are recorded as a distribution.

*Distributions to participants* – Distributions to participants are recorded when paid. At December 31, 2022, and 2021, there were no significant unpaid benefits allocated to accounts of participants who had elected to withdraw from the Plan.

*Funding* – The Plan is funded by contributions from Participants and the Company. The cost of administering the Plan is borne by the Plan. Investment management fees paid by each fund are deducted directly from investment income.

*Subsequent events* – The Plan has evaluated subsequent events through Date of Report, the date the financial statements were available to be issued.

The Secure 2.0 Act of 2022 was signed into law on December 29, 2022. This legislation includes a vast array of provisional changes to retirement plans, becoming effective in 2023 and beyond. Plan management is evaluating the impact of the adoption and implementation of this legislation on the Plan.

#### Note 3 – Related Party and Party-In-Interest Transactions

Certain Plan investments are shares of registered investment companies and a common collective trust managed by Fidelity Management Trust Company. Fidelity Management Trust Company is the trustee of the Plan and, therefore, these transactions are party-in-interest transactions. Fees paid by the Plan to Fidelity Management Trust Company for administrative services were \$300 and \$232 for the years ended December 31, 2022, and 2021, respectively. The Plan earned \$447 and \$491 of revenue sharing credits from Fidelity during the years ended December 31, 2022, and 2021, respectively, significantly all of which was received by the Plan's participants.

Certain Plan investments are publicly traded common stock of the Company. The Plan held 40,079 and 41,519 shares of Company stock at December 31, 2022, and 2021, respectively. During 2022, the Plan purchased 2,200 shares of Company stock at an aggregate cost of \$282 and sold 3,640 shares of Company stock for total proceeds of \$455. During 2021, the Plan purchased 5,080 shares of Company stock at an aggregate cost of \$790 and sold 4,430 shares of Company stock for total proceeds of \$683. The Plan received \$72 and \$73 in dividends on Company stock during 2022 and 2021, respectively.

The Company performs administrative functions on behalf of the Plan, for which no fees are charged.

#### Note 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 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 are:

Level 1—Observable inputs that reflect unadjusted quoted prices for identical assets or liabilities in active markets.

Level 2—Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability.

Level 3—Unobservable inputs for the asset or liability.

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

The following is a description of the valuation methodologies used for Plan assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022, and 2021.

*Registered investment companies* – These investments are public investment vehicles valued using the Net Asset Value ("NAV") provided by the administrator of the fund. The NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The NAV is a quoted price in an active market and is classified within Level 1 of the valuation hierarchy.

*Pooled separate account* – This investment is valued based upon the unit values of the pooled account held by the Plan at year end. Unit values are based on the fair value of the underlying assets of the fund derived from inputs principally from or corroborated by observable market data by correlation or other means, although are not based upon quoted market prices in an active market. There are no participant redemption restrictions for this investment; but the Plan’s investment in the account is subject to a three-year withdrawal restriction through July 1, 2025, which may be lifted prior to that date if the account has sufficient liquidity. The Plan has no unfunded commitments relating to the account at December, 2022.

*Common collective trust* – This investment is a public investment vehicle valued using the NAV provided by the administrator of the fund. The NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. The fund’s investment objective is to seek the preservation of capital and to provide a competitive level of income over time that is consistent with the preservation of capital. To achieve its investment objective, the fund invests in assets (typically fixed-income securities or bond funds) and enters “wrapper” contracts issued by third-parties and invests in cash equivalents represented by shares in a money market fund. The Plan’s investment in the fund is not subject to any withdrawal restrictions and distributions may be taken at any time. The Plan has no unfunded commitments relating to the fund at December, 2022, or 2021.

*MSA common stock fund* – This investment is valued at the closing price of MSA common stock reported on the New York Stock Exchange, plus cash and accrued interest, and is classified within Level 1 of the valuation hierarchy.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Although 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 Plan’s investments measured at fair value on a recurring basis by fair value hierarchy level were as follows:

|                                                | December 31, 2022                                                              |                                                      |                                                        |                     |
|------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|---------------------|
|                                                | Quoted Prices in<br>Active Markets<br>for Identical<br>Assets<br><br>(Level 1) | Significant<br>Observable<br>Inputs<br><br>(Level 2) | Significant<br>Unobservable<br>Inputs<br><br>(Level 3) | Total Fair<br>Value |
| Registered investment companies                | \$ 284,842                                                                     | \$ —                                                 | \$ —                                                   | \$ 284,842          |
| Pooled separate account                        | —                                                                              | 1,283                                                | —                                                      | 1,283               |
| MSA common stock fund                          | 5,714                                                                          | —                                                    | —                                                      | 5,714               |
| Total assets in the fair value<br>hierarchy    | 290,556                                                                        | 1,283                                                | —                                                      | 291,839             |
| Investments measured at net asset<br>value (a) | —                                                                              | —                                                    | —                                                      | 26,591              |
| Investments at fair value                      | 290,556                                                                        | 1,283                                                | —                                                      | 318,430             |

|                                             | December 31, 2021                                             |                                     |                                       |                     |
|---------------------------------------------|---------------------------------------------------------------|-------------------------------------|---------------------------------------|---------------------|
|                                             | Quoted Prices in<br>Active Markets<br>for Identical<br>Assets | Significant<br>Observable<br>Inputs | Significant<br>Unobservable<br>Inputs | Total Fair<br>Value |
|                                             | (Level 1)                                                     | (Level 2)                           | (Level 3)                             |                     |
| Registered investment companies             | \$ 356,064                                                    | \$ —                                | \$ —                                  | \$ 356,064          |
| MSA common stock fund                       | 6,394                                                         | —                                   | —                                     | 6,394               |
| Total assets in the fair value hierarchy    | 362,458                                                       | —                                   | —                                     | 362,458             |
| Investments measured at net asset value (a) | —                                                             | —                                   | —                                     | 30,113              |
| Investments at fair value                   | 362,458                                                       | —                                   | —                                     | 392,571             |

(a) Certain investments that were measured at NAV per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the Statements of Net Assets Available for Benefits.

The Plan did not hold any Level 3 investments as of or during the years ended December 31, 2022, or 2021.

#### Note 5 – Tax Status of the Plan

The Internal Revenue Service informed the Company by letter dated December 28, 2017, that the Plan, and the 2015 cumulative list of changes in Plan qualification requirements, was in compliance with the applicable requirements of the IRC. The following amendment dates apply to the favorable determination letter: January 25, 2017, December 21, 2016, January 26, 2016, December 22, 2015, December 3, 2015, December 10, 2013, and March 7, 2012.

Although the Plan has been amended since receiving the determination letter, the plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and therefore believes that the Plan is qualified, and the related custodial accounts are tax exempt.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the organization has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan is subject to routine audits by taxing jurisdictions, however, there are currently no audits for any tax periods in progress.

#### Note 6 – Forfeited Accounts

At December 31, 2022, and 2021, forfeited non-vested accounts were not significant. These balances are included in the common collective trust. Forfeited account balances are used first to reinstate previously forfeited amounts for Participants who are re-employed by the Company within five years, then to pay Plan expenses and then to reduce future Company matching contributions. During the years ended December 31, 2022, and 2021, forfeited non-vested accounts were used to pay Plan administrative expenses totaling \$124 and \$46, and to reduce Company matching contributions by \$50 and \$95, respectively.

#### Note 7 – Risks and Uncertainties

The Plan provides investment options in registered investment companies, a common collective trust, and a Company common stock fund. Investments are exposed to various risks, such as interest rate, market, and credit risks. Market risks include global events which could impact the value of investment securities, such as a pandemic

or international conflict. Due to the level of risk associated with certain investments and the level of uncertainty related to changes in the value of investments, it is at least reasonably possible that changes in the values of investments 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.

As of December 31, 2022, and 2021, the Plan had investments of \$31,339, and \$50,448, respectively, that were concentrated in one fund.

#### Note 8 – Information Certified by Trustee

The plan administrator has elected the method of compliance as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA for 2022. Accordingly, Fidelity Management Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of all investments reported in the accompanying Statement of Net Assets Available for Benefits and the supplemental Schedule H, Line 4i (Form 5500) - Schedule of Assets (Held at End of Year) as of December 31, 2022, and the related investment activity reported in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.

#### Note 9 – Delinquent Participant Contributions

For the year ended December 31, 2021, the Company did not remit certain participant contributions to the Plan on a timely basis as defined by the Department of Labor's Rules and Regulations for Reporting and Delinquent Participant Contributions Disclosure under ERISA. Untimely remittances identified on the Schedule of Delinquent Participant Contributions, which totaled \$451 for the year ended December 31, 2021, were corrected through the Department of Labor Voluntary Fiduciary Correction Program in 2022.

## EXHIBIT IV

MSA Retirement Savings Plan  
EIN: 46-4914866  
Schedule H, line 4i (Form 5500) - Schedule of Assets (Held at End of Year)  
As of December 31, 2022  
(Dollars in thousands)

| (a) | (b) Identity of issue, borrower,<br>lessor or similar party | (c) Description of<br>Investment | (d) Cost | (e) Current<br>Value |
|-----|-------------------------------------------------------------|----------------------------------|----------|----------------------|
|     | Allspring Emerging Mkts Equity Is                           | Registered Investment Company    | **       | \$ 2,728             |
|     | American Century Small Cap Value R6                         | Registered Investment Company    | **       | 3,953                |
|     | Baird Mid Cap Inst                                          | Registered Investment Company    | **       | 4,109                |
| *   | Fidelity 500 Index                                          | Registered Investment Company    | **       | 27,951               |
| *   | Fidelity Diversified International K                        | Registered Investment Company    | **       | 8,667                |
| *   | Fidelity Extended Market Index                              | Registered Investment Company    | **       | 7,736                |
| *   | Fidelity Freedom 2005 K                                     | Registered Investment Company    | **       | 167                  |
| *   | Fidelity Freedom 2010 K                                     | Registered Investment Company    | **       | 571                  |
| *   | Fidelity Freedom 2015 K                                     | Registered Investment Company    | **       | 2,109                |
| *   | Fidelity Freedom 2020 K                                     | Registered Investment Company    | **       | 8,299                |
| *   | Fidelity Freedom 2025 K                                     | Registered Investment Company    | **       | 16,015               |
| *   | Fidelity Freedom 2030 K                                     | Registered Investment Company    | **       | 16,578               |
| *   | Fidelity Freedom 2035 K                                     | Registered Investment Company    | **       | 13,430               |
| *   | Fidelity Freedom 2040 K                                     | Registered Investment Company    | **       | 16,635               |
| *   | Fidelity Freedom 2045 K                                     | Registered Investment Company    | **       | 10,721               |
| *   | Fidelity Freedom 2050 K                                     | Registered Investment Company    | **       | 15,515               |
| *   | Fidelity Freedom 2055 K                                     | Registered Investment Company    | **       | 7,821                |
| *   | Fidelity Freedom 2060 K                                     | Registered Investment Company    | **       | 3,531                |
| *   | Fidelity Freedom 2065 K                                     | Registered Investment Company    | **       | 636                  |
| *   | Fidelity Freedom Income K                                   | Registered Investment Company    | **       | 1,378                |
| *   | Fidelity Inflation Protected Bond Index                     | Registered Investment Company    | **       | 2,752                |
| *   | Fidelity Intl Index                                         | Registered Investment Company    | **       | 6,293                |
| *   | Fidelity Large Cap Growth Index                             | Registered Investment Company    | **       | 7,187                |
| *   | Fidelity Large Cap Value Index                              | Registered Investment Company    | **       | 1,277                |
| *   | Fidelity Puritan K                                          | Registered Investment Company    | **       | 7,215                |
| *   | Fidelity Small Cap Index                                    | Registered Investment Company    | **       | 1,753                |
| *   | Fidelity Small Growth K6                                    | Registered Investment Company    | **       | 2,708                |
| *   | Fidelity Total Bond                                         | Registered Investment Company    | **       | 8,934                |
| *   | Fidelity U.S. Bond Index                                    | Registered Investment Company    | **       | 10,076               |
| *   | J. P. Morgan US Applied Data Science Value R6               | Registered Investment Company    | **       | 10,630               |
| *   | Principal U.S. Property Separate Account R6                 | Pooled Separate Account          | **       | 1,283                |
|     | T.Rowe Price Dividend Growth Adv                            | Registered Investment Company    | **       | 19,185               |
|     | T Rowe Price Large Cap Growth                               | Registered Investment Company    | **       | 31,339               |
|     | Virtus Ceredex Mid-Cap Value Equity Class I                 | Registered Investment Company    | **       | 6,943                |
|     | <b>Total Registered Investment Companies</b>                |                                  |          | <b>286,125</b>       |
| *   | Fidelity Managed Income Portfolio II                        | Common/Collective Trust          | **       | 26,591               |
| *   | MSA Common Stock Fund                                       | Employer Securities              | **       | 5,714                |
| *   | Participant loans                                           | Interest rates of 4.25% to 5.25% |          | 10                   |
|     | <b>Total</b>                                                |                                  |          | <b>318,440</b>       |

\* Denotes a party-in-interest, for which a statutory exemption exists.

\*\* Cost omitted for participant directed investments.

MSA Retirement Savings Plan  
 EIN: 46-4914866  
 Schedule H, line 4a (Form 5500) - Schedule of Delinquent Participant Contributions  
 For the Year Ended December 31, 2022  
 (Dollars in thousands)

| Participant<br>contributions<br>transferred late<br>to the Plan (1) | Total that constitute nonexempt prohibited transactions |                                               |                                                | Total fully<br>corrected under<br>VFCP and<br>PTE 2002-51 |
|---------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|------------------------------------------------|-----------------------------------------------------------|
|                                                                     | Contributions<br>not<br>corrected                       | Contributions<br>corrected<br>outside of VFCP | Contributions<br>pending<br>correction in VFCP |                                                           |
| \$ 451                                                              | \$ -                                                    | \$ -                                          | \$ -                                           | \$ 451                                                    |

(1) Amount does not include participant loan repayments.

## EXHIBIT IV

MSA Retirement Savings Plan  
EIN: 46-4914866  
Schedule H, line 4i (Form 5500) - Schedule of Assets (Held at End of Year)  
As of December 31, 2022  
(Dollars in thousands)

| (a) | (b) Identity of issue, borrower,<br>lessor or similar party | (c) Description of<br>Investment | (d) Cost | (e) Current<br>Value |
|-----|-------------------------------------------------------------|----------------------------------|----------|----------------------|
|     | Allspring Emerging Mkts Equity Is                           | Registered Investment Company    | **       | \$ 2,728             |
|     | American Century Small Cap Value R6                         | Registered Investment Company    | **       | 3,953                |
|     | Baird Mid Cap Inst                                          | Registered Investment Company    | **       | 4,109                |
| *   | Fidelity 500 Index                                          | Registered Investment Company    | **       | 27,951               |
| *   | Fidelity Diversified International K                        | Registered Investment Company    | **       | 8,667                |
| *   | Fidelity Extended Market Index                              | Registered Investment Company    | **       | 7,736                |
| *   | Fidelity Freedom 2005 K                                     | Registered Investment Company    | **       | 167                  |
| *   | Fidelity Freedom 2010 K                                     | Registered Investment Company    | **       | 571                  |
| *   | Fidelity Freedom 2015 K                                     | Registered Investment Company    | **       | 2,109                |
| *   | Fidelity Freedom 2020 K                                     | Registered Investment Company    | **       | 8,299                |
| *   | Fidelity Freedom 2025 K                                     | Registered Investment Company    | **       | 16,015               |
| *   | Fidelity Freedom 2030 K                                     | Registered Investment Company    | **       | 16,578               |
| *   | Fidelity Freedom 2035 K                                     | Registered Investment Company    | **       | 13,430               |
| *   | Fidelity Freedom 2040 K                                     | Registered Investment Company    | **       | 16,635               |
| *   | Fidelity Freedom 2045 K                                     | Registered Investment Company    | **       | 10,721               |
| *   | Fidelity Freedom 2050 K                                     | Registered Investment Company    | **       | 15,515               |
| *   | Fidelity Freedom 2055 K                                     | Registered Investment Company    | **       | 7,821                |
| *   | Fidelity Freedom 2060 K                                     | Registered Investment Company    | **       | 3,531                |
| *   | Fidelity Freedom 2065 K                                     | Registered Investment Company    | **       | 636                  |
| *   | Fidelity Freedom Income K                                   | Registered Investment Company    | **       | 1,378                |
| *   | Fidelity Inflation Protected Bond Index                     | Registered Investment Company    | **       | 2,752                |
| *   | Fidelity Intl Index                                         | Registered Investment Company    | **       | 6,293                |
| *   | Fidelity Large Cap Growth Index                             | Registered Investment Company    | **       | 7,187                |
| *   | Fidelity Large Cap Value Index                              | Registered Investment Company    | **       | 1,277                |
| *   | Fidelity Puritan K                                          | Registered Investment Company    | **       | 7,215                |
| *   | Fidelity Small Cap Index                                    | Registered Investment Company    | **       | 1,753                |
| *   | Fidelity Small Growth K6                                    | Registered Investment Company    | **       | 2,708                |
| *   | Fidelity Total Bond                                         | Registered Investment Company    | **       | 8,934                |
| *   | Fidelity U.S. Bond Index                                    | Registered Investment Company    | **       | 10,076               |
| *   | J. P. Morgan US Applied Data Science Value R6               | Registered Investment Company    | **       | 10,630               |
| *   | Principal U.S. Property Separate Account R6                 | Pooled Separate Account          | **       | 1,283                |
|     | T.Rowe Price Dividend Growth Adv                            | Registered Investment Company    | **       | 19,185               |
|     | T Rowe Price Large Cap Growth                               | Registered Investment Company    | **       | 31,339               |
|     | Virtus Ceredex Mid-Cap Value Equity Class I                 | Registered Investment Company    | **       | 6,943                |
|     | <b>Total Registered Investment Companies</b>                |                                  |          | <b>286,125</b>       |
| *   | Fidelity Managed Income Portfolio II                        | Common/Collective Trust          | **       | 26,591               |
| *   | MSA Common Stock Fund                                       | Employer Securities              | **       | 5,714                |
| *   | Participant loans                                           | Interest rates of 4.25% to 5.25% |          | 10                   |
|     | <b>Total</b>                                                |                                  |          | <b>318,440</b>       |

\* Denotes a party-in-interest, for which a statutory exemption exists.

\*\* Cost omitted for participant directed investments.

MSA Retirement Savings Plan  
 EIN: 46-4914866  
 Schedule H, line 4a (Form 5500) - Schedule of Delinquent Participant Contributions  
 For the Year Ended December 31, 2022  
 (Dollars in thousands)

| Participant<br>contributions<br>transferred late<br>to the Plan (1) | Total that constitute nonexempt prohibited transactions |                                               |                                                | Total fully<br>corrected under<br>VFCP and<br>PTE 2002-51 |
|---------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|------------------------------------------------|-----------------------------------------------------------|
|                                                                     | Contributions<br>not<br>corrected                       | Contributions<br>corrected<br>outside of VFCP | Contributions<br>pending<br>correction in VFCP |                                                           |
| \$ 451                                                              | \$ -                                                    | \$ -                                          | \$ -                                           | \$ 451                                                    |

(1) Amount does not include participant loan repayments.

|                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form 5500</b><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="font-size: 24pt; font-weight: bold; text-align: center;">2022</div><br>This Form is Open to<br>Public Inspection |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                          |                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I</b>                                                                                            | <b>Annual Report Identification Information</b>                                                                                                                                                                                                  |
| For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u> |                                                                                                                                                                                                                                                  |
| A                                                                                                        | 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 instr ) |
|                                                                                                          | <input checked="" type="checkbox"/> a single-employer plan <input type="checkbox"/> a DFE (specify) _____                                                                                                                                        |
| B                                                                                                        | This return/report is <input type="checkbox"/> the first return/report <input type="checkbox"/> the final return/report                                                                                                                          |
|                                                                                                          | <input type="checkbox"/> an amended return/report <input type="checkbox"/> a short plan year return/report (less than 12 months) ▶ <input type="checkbox"/>                                                                                      |
| C                                                                                                        | If the plan is a collectively-bargained plan, check here ▶ <input type="checkbox"/>                                                                                                                                                              |
| D                                                                                                        | Check box if filing under <input checked="" type="checkbox"/> Form 5558 <input type="checkbox"/> automatic extension <input type="checkbox"/> the DFVC program                                                                                   |
|                                                                                                          | <input type="checkbox"/> special extension (enter description)                                                                                                                                                                                   |
| E                                                                                                        | If this is a retroactively adopted plan permitted by SECURE Act section 201, check here ▶ <input type="checkbox"/>                                                                                                                               |

|                |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>Part II</b> | <b>Basic Plan Information</b> - enter all requested information                                                                                                                                                                                                                                                                                                                                  |                                                              |
| 1a             | Name of plan<br><b>MSA RETIREMENT SAVINGS PLAN</b>                                                                                                                                                                                                                                                                                                                                               | 1b Three digit plan number (PN) ▶ <b>002</b>                 |
|                |                                                                                                                                                                                                                                                                                                                                                                                                  | 1c Effective date of plan<br><b>10/01/1996</b>               |
| 2a             | 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><b>MSA WORLDWIDE, LLC</b><br><br><b>1000 CRANBERRY WOODS DRIVE</b><br><b>MSA CORPORATE CENTER</b><br><b>CRANBERRY TOWNSHIP PA 16066-5207</b> | 2b Employer Identification Number (EIN)<br><b>46-4914866</b> |
|                |                                                                                                                                                                                                                                                                                                                                                                                                  | 2c Plan Sponsor's telephone number<br><b>724-742-8000</b>    |
|                |                                                                                                                                                                                                                                                                                                                                                                                                  | 2d Business code (see instructions)<br><b>327900</b>         |

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

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

|              |                                                                                     |         |                                                              |
|--------------|-------------------------------------------------------------------------------------|---------|--------------------------------------------------------------|
| SIGN<br>HERE |  | 7/28/23 | JESSICA GUSMAR                                               |
|              | Signature of plan administrator                                                     | Date    | Enter name of individual signing as plan administrator       |
| SIGN<br>HERE |                                                                                     |         |                                                              |
|              | Signature of employer/plan sponsor                                                  | Date    | Enter name of individual signing as employer or plan sponsor |
| SIGN<br>HERE |                                                                                     |         |                                                              |
|              | Signature of DFE                                                                    | Date    | Enter name of individual signing as DFE                      |

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

Form 5500 (2022)  
v. 220413