

PURCHASE ORDER NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY  
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UNIFORM FORM (REV. 3)

(3322)

NN VENDOR NO.

77920

PURCHASE ORDER NO.

1282S-N162

This number MUST appear on all Correspondence, Invoices, Packages and Shipping Papers.

DATE OF ISSUE

September 18, 1967

INSPECTION BY

U.S. Gov't Class "A"

INSPECTION AT Pittsburgh Mfg

Corning Corp., Port Allegheny

See Below

APPLICABLE APPENDIX

TO: C. E. Thurston & Sons, Inc.  
850 Tidewater Drive  
Norfolk, Virginia 23501

| M.C. NO. | INSP. LEVEL | IDENT NO. | APPLICABLE HULLS | 3 | 4 | 5 | 6 | 7 | 8 |
|----------|-------------|-----------|------------------|---|---|---|---|---|---|
|          |             | 54145     |                  |   |   |   |   |   |   |

CHARGE NO.

See Below

F.O.B.

TERMS

DATE SHIPMENT WANTED

DATE SHIPMENT PROMISED

Port Allegheny, Pa.

15-10 Days

As soon as possible

| ITEM                   | QUANTITY | DESCRIPTION                                                                                                                                                                                                                                                                                      |                   |      |                  |
|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|------------------|
| QUANTITIES FOR SHIP(S) |          | ASBESTOS PIPE COVERING: Molded, "With Special Corrosion and Chloride Requirements" for Various Reactor Plant Systems for use during Construction of Submarines SSBN616, 618 and 624 Under USN Prime Contracts N-00024-67-C-0266, N-00024-67-C-0226 and N-00024-68-C-0208, Group No. X-1282-S-38. |                   |      |                  |
|                        | Lin ft.  | Description                                                                                                                                                                                                                                                                                      | Nominal Pipe Size | Thk. | MIL-T-24244 Type |
| 1                      | 220      | Molded Asbestos Pipe Covering                                                                                                                                                                                                                                                                    | 14"               | 3"   | 1B               |
| 2                      | 324      | Molded Asbestos Pipe Covering                                                                                                                                                                                                                                                                    | 8"                | 3"   | 1B               |
| 3                      | 100      | Molded Asbestos Pipe Covering                                                                                                                                                                                                                                                                    | 5"                | 3"   | 1B               |
| 4                      | 100      | Molded Asbestos Pipe Covering                                                                                                                                                                                                                                                                    | 2"                | 3"   | 1B               |

ON CARD  
11-28-67  
M.C. BEHIND "A-1"

(NOTES NOT ON ORIGINAL) This purchase order is to be handled as CONTROLLED MATERIAL CM-A.

SHIP VIA: See N.H. Freight Routing Guide

INSP. INST.

YARD REQN. NO.

O.B.R.P.

☐ YES ☐ NO

LEAD YARD ORDER NO.

STOP NO.

PURCHASE ORDER NO.

1282S-N162

341

This number MUST appear on all Correspondence, Invoices, Packages and Shipping Papers.

SHEET 1 OF 5 SHEETS  
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| 7  | QUANTITY | DESCRIPTION                                                                                                                                                                                                                                                                      |                      |        |                     |
|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------|---------------------|
|    |          | DESCRIPTION                                                                                                                                                                                                                                                                      | Nominal<br>Pipe Size | Thk.   | MIL-I-24244<br>Type |
| 5  | 550      | Molded Asbestos<br>Pipe Covering                                                                                                                                                                                                                                                 | 1"                   | 1-1/2" | 1B                  |
| 6  | 20       | Molded Asbestos<br>Pipe Covering                                                                                                                                                                                                                                                 | 2"                   | 1"     | 1B                  |
| 7  | 60       | Molded Asbestos<br>Pipe Covering                                                                                                                                                                                                                                                 | 1"                   | 1"     | 1B                  |
| 8  | 54       | Molded Asbestos<br>Pipe Covering                                                                                                                                                                                                                                                 | 3-1/2"               | 1/2"   | 1F                  |
| 9  | 100      | Molded Asbestos<br>Pipe Covering                                                                                                                                                                                                                                                 | 3"                   | 1/2"   | 1F                  |
| 10 | 1400     | Molded Asbestos<br>Pipe Covering                                                                                                                                                                                                                                                 | 2"                   | 1/2"   | 1F                  |
| 11 |          | Certificates (see paragraph 2)                                                                                                                                                                                                                                                   |                      |        |                     |
| 12 |          | Test Reports (see paragraph 2)                                                                                                                                                                                                                                                   |                      |        |                     |
|    |          | <u>ENCLOSURES</u>                                                                                                                                                                                                                                                                |                      |        |                     |
|    |          | The following documents accompany and form a part of this purchase specification:                                                                                                                                                                                                |                      |        |                     |
|    |          | Appendix A-1262-S dated 9-30-66                                                                                                                                                                                                                                                  |                      |        |                     |
|    |          | One copy of Military Specification MIL-I-24244 (Ships) Titled: "Insulation Materials, Thermal, with Special Corrosion and Chloride Requirements" dated August 22, 1966. (Now in your possession).                                                                                |                      |        |                     |
|    |          | <u>SPECIFICATIONS</u>                                                                                                                                                                                                                                                            |                      |        |                     |
|    |          | 1. Material                                                                                                                                                                                                                                                                      |                      |        |                     |
|    |          | A. Items (1) thru (10) shall be produced, tested, inspected, and delivered in accordance with Military Specification MIL-I-24244 (Ships) Titled: "Insulation Materials, Thermal with Special Corrosion and Chloride Requirements" dated August 22, 1966 and as specified herein. |                      |        |                     |

QUANTITY

DESCRIPTION

- B. Items (1) thru (7) shall be in accordance with MIL-I-2781, Grade II, Class C, Titled: "Insulation, Pipe, Thermal" for 1" thickness and above.
- C. Items (8) thru (10) shall be in accordance with MIL-I-2781, Grade III, Class E, Titled: "Insulation, Pipe, Thermal" for 1/2" thickness only.
- D. The effective date for all specifications, standards, publications, etc. invoked by this purchase specification shall be July 1, 1962 except where otherwise noted.

## 2. Quality Assurance Provisions

- A. The manufacturer/vendor shall prepare and submit to the purchaser three (3) copies of the following document(s). The document(s) shall be signed by an official of the manufacturer's/vendor's company. The NNS&DECo. purchase order number and purchase order item number must appear on each document. The documents must accompany or precede the applicable shipment of material.

(1) Certificate of Compliance stating that the material furnished is in accordance with paragraph 5.3.2 of Military Specification MIL-I-24244 (Ships) and this purchase order.

(2) Certified test reports in accordance with paragraph 4.2.3 of Military Specification MIL-I-24244 (Ships).

- B. The use of mercurial thermometers and/or instruments in the manufacture or testing of this material is prohibited and evidence of the use thereof shall be cause for rejection of any or all of this material. This directive must be passed on to all subcontractors.

## 3. Shipment and Packaging

SHEET NO.

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PURCHASE ORDER NO

12825-N162

343

QUANTITY

DESCRIPTION

- A. Packing and shipment shall be such that material is not damaged and that tags on each item shall remain intact, in place and legible for short time storage and handling after receipt.
- B. Each shipping container shall be substantially tagged with its item and purchase order number.
- C. Material is for domestic shipment and immediate use.
4. The end use for which this material is intended must be passed on to all subcontractors.

MANUFACTURE AUTHORIZATION

Release for manufacture is granted upon the placement of this purchase order, provided material is in strict accordance with this purchase specification. All departures from this purchase specification shall be specifically and clearly invited to our attention for evaluation prior to actual manufacture.

CLASS A MANDATORY INSPECTION

Government inspection of items furnished on this purchase order is required prior to shipment from your plant. Please notify the Government Representative who services your plant so that plans for such inspection can be made, and provide such assistance in the above inspection as he may request. The Supervisor of Shipbuilding, NN has forwarded a copy of this order to your local Government Representative.

QUANTITY

DESCRIPTION

P.O. Firm Total Price:

NOT ON THE ORIGINAL

1. Date Required: 8-28-67 MC #80
2. Schedule Placement: 7-17-67
3. Items (1) thru (7) are similar to material ordered on P.O. 1280S-N362 and 1281S-N75.
4. Items (8) thru (10) are similar to material ordered on P.O. 1280S-N354.
5. Charge 1/3 each to 1282/83/84-S-700.
6. Identical material ordered on P.O. 581H-7000-N31.

This material is to be handled as "CONTROLLED MATERIAL CM-A" in accordance with RPCMP A-23, A-34 and A-35. Controls to start at receipt inspection and continue until installation. Pay particular attention to vendor certification of compliance, proper storage, and issue control to prevent loss or misuse.

JRP  
6-APD  
ELM/jsy  
9/13/67

SHEET NO.

5

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PURCHASE ORDER NO.  
1282S-N162

345

ORDER  
MODIFICATION

PA-POMD-1 (2372160)

NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY  
NEWPORT NEWS, VIRGINIA

O.B.R.P. ☐ YES ☐ NO  
VENDOR ORDER NO.

23607

MODIFICATION NO. A  
TO PURCHASE ORDER NUMBER

1282S-N162

IMPORTANT - See Note Below

DATE OF ISSUE (BY PA)

October 16, 1967

INSPECTION BY

See Original

INSPECTION AT

TO:

YARD INFORMATION ONLY  
(C. S. Thureston & Sons, Inc.)

77920

PLEASE MODIFY THIS PURCHASE ORDER AS SPECIFIED HEREIN. ALL TERMS AND CONDITIONS OF THE ORIGINAL PURCHASE ORDER AND APPENDICES ATTACHED THERETO REMAIN IN EFFECT UNLESS SPECIFICALLY ALTERED BY A MODIFICATION.

ACKNOWLEDGE RECEIPT OF THIS MODIFICATION IMMEDIATELY, ADVISING ITS EFFECT ON PRICE AND DELIVERY.

L. B. PETERSON, MANAGER OF PURCHASES (OR)  
W. K. WILLS, PURCHASING AGENT

| ITEM | QUANTITY | DESCRIPTION                                                                                                                                                                                                                                                                                                           | UNIT PRICE | TOTAL |
|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|
|      |          | <p>This purchase order is to be handled as "CONTROLLED MATERIAL CM-A" in accordance with RFCMP A-23, A-34 and A-35.</p> <p>ASBESTOS PIPE COVERING: Molded</p> <p>Change the charge to read as follows:</p> <p>Charge 1/3 each to 1282/83/84-S-38</p> <p>Items (1) thru (10) are shown as A-1 on NNSD Dwg. 242280.</p> |            |       |

JRP  
6-APD  
ELM/jsy  
10/12/67

SHEET NO. 1 OF 1 SHEETS  
MODIFICATION

This Number MUST Appear On All  
Correspondence, Invoices, Packages  
And Shipping Papers.

MODIFICATION NO. A  
TO PURCHASE ORDER NUMBER 346  
1282S-N162

MODIFICATION

NEWPORT NEWS, VIRGINIA

VENDOR ORDER NO.

PA-PCMD-1 (322150)

23607

MODIFICATION NO. 1  
TO PURCHASE ORDER NUMBER

77920

12828-N162

IMPORTANT - See Note Below

DATE OF ISSUE (BY PA)

September 26, 1967

INSPECTION BY

U.S. Govt. Class "A" Mfg.

Pittsburgh

Corning Corp. Port

Allegheny

TO: G. H. Thurston & Sons, Inc.  
850 Tidewater Drive  
Norfolk, Virginia 23501

PLEASE MODIFY THIS PURCHASE ORDER AS SPECIFIED HEREIN. ALL TERMS AND CONDITIONS OF THE ORIGINAL PURCHASE ORDER AND APPENDICES ATTACHED THERETO REMAIN IN EFFECT UNLESS SPECIFICALLY ALTERED BY A MODIFICATION.

ACKNOWLEDGE RECEIPT OF THIS MODIFICATION IMMEDIATELY, ADVISING ITS EFFECT ON PRICE AND DELIVERY.

L. B. PETERSON, MANAGER OF PURCHASES (OR)  
W. K. WILLS, PURCHASING AGENT

| ITEM | QUANTITY | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                | UNIT PRICE | TOTAL |
|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|
|      |          | <p>ASBESTOS PIPE COVERING: Molded, "with Special Corrosion and Chloride Requirements" for Various Reactor Plant Systems -</p> <p>Change price as follows:</p> <p>Item 12 - 6 each (Test Reports)</p> <p>Change P.O. Firm Total Price to:</p> <p>P.O. Increase:</p> <p>NOT ON ORIGINAL: This is in accordance with your letter dated September 20, 1967</p> |            |       |

JRF  
6-APD  
ELM/gll

SHEET NO. 1 OF 1 SHEETS  
MODIFICATION

This Number MUST Appear On All Correspondence, Invoices, Packages And Shipping Papers.

MODIFICATION NO. 1  
TO PURCHASE ORDER NUMBER 347

WRITE UP OF GOVERNMENT/CONTRACT FURNISHED MATERIAL  
 JET NEWS SHIPBUILDING AND DRY DOCK COMPANY

V 44

|           |              |                |              |
|-----------|--------------|----------------|--------------|
| NO.       | CONTRACT NO. | BILL OF LADING | P. O. NO.    |
|           |              |                | 1282-S-N-162 |
| VOICE NO. | WEIGHT       | LAST CARRIER   |              |
|           |              | Associated     |              |

SHIPPER Pittsburgh Corning Corp.

|           |          |           |       |
|-----------|----------|-----------|-------|
| SHEET NO. | LINE NO. | AUTHORITY | GROUP |
|           |          |           | 9     |

| P. O. ITEM NO. | QTY. | SERIAL NOS. | DESCRIPTION                                   |
|----------------|------|-------------|-----------------------------------------------|
|                |      |             | 74 Ctns #1 - #74 ea contg                     |
| 1              | 3    | lin. ft.    | Matted Asbestos Pipe Covering 14" X 3" Type 1 |
|                |      |             | 54 Ctns #75 - #128 ea contg                   |
| 2              | 6    | lin. ft.    | Ditto above except: 8" X 3"                   |
|                |      |             | 8 Ctns #129 - #136 ea contg                   |
| 3              | 12   | lin. ft.    | Ditto above except: 5" X 3"                   |
|                |      |             | 1- ctn #137 contg                             |
| 3              | 6    | lin. ft.    | Ditto item 3 above                            |
|                |      |             | 8 Ctns #138 - #145 ea contg                   |
| 4              | 12   | lin. ft.    | Ditto above except: 2" X 3"                   |
|                |      |             | 1- ctn #146 contg                             |
| 4              | 6    | lin. ft.    | Ditto item 4 above                            |
|                |      |             | 13 Ctns #147 - #159 ea contg                  |
| 5              | 42   | lin. ft.    | Ditto above except: 1" X 1 1/2" (Cont)        |

|                       |                                                                     |              |                    |
|-----------------------|---------------------------------------------------------------------|--------------|--------------------|
| INITIALS OF CHECKER   |                                                                     | INSPECTOR    |                    |
| <u>J. J. Thornton</u> |                                                                     |              |                    |
| RECEIPT NO.           | RECEIPT DATE                                                        | DATE CHECKED | WHSE. TAG NO.      |
| 145793                | 11-3-67                                                             | 11-9-67      | 348                |
| WHSE. LOCATION        | PACKING LIST USED                                                   |              | SHEET 1 OF 3 SHEET |
| Wh #8                 | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |              |                    |

WRITE UP OF GOVERNMENT/CONTRACT FURNISHED MATERIAL  
NEW SHIPBUILDING AND DRY DOCK COMPANY

|              |                |                            |
|--------------|----------------|----------------------------|
| CONTRACT NO. | BILL OF LADING | P. O. NO.<br>1282-S-N-16.  |
| SHIP NO.     | WEIGHT         | LAST CARRIER<br>Associated |

|                                     |           |          |           |         |
|-------------------------------------|-----------|----------|-----------|---------|
| SHIPPER<br>Pittsburgh Corning Corp. | SHEET NO. | LINE NO. | AUTHORITY | GROUP-S |
|-------------------------------------|-----------|----------|-----------|---------|

| P. O. ITEM NO. | QTY. | SERIAL NOS. | DESCRIPTION                       |
|----------------|------|-------------|-----------------------------------|
|                |      |             | (Cont.)                           |
|                |      |             | 1- Ctn # 160 Contg                |
| 5              | 6    | lin. ft.    | Ditto item 5 above                |
| 6              | 21   | lin. ft.    | Ditto above except: 2" x 1"       |
|                |      |             | 1- Ctn # 161 Contg                |
| 7              | 60   | lin. ft.    | Ditto above except: 1" x 1"       |
|                |      |             | 1- Ctn # 162 Contg                |
| 8              | 45   | lin. ft.    | Ditto above except: 3 1/2" x 1/2" |
|                |      |             | 1- Ctn # 163 Contg                |
| 8              | 9    | lin. ft.    | Ditto item 8 above                |
|                |      |             | 1- Ctn # 164 contg                |
| 9              | 36   | lin. ft.    | Ditto above except: 3" x 1/2"     |
|                |      |             | 1- Ctn # 165 Contg                |
| 9              | 36   | lin. ft.    | Ditto item 9 above                |
|                |      |             | (Cont.)                           |

|                                     |                         |                                                                                          |                   |
|-------------------------------------|-------------------------|------------------------------------------------------------------------------------------|-------------------|
| SIGNATURE OF CHECKER<br>J. Thornton |                         | INSPECTOR                                                                                |                   |
| RECEIPT NO.<br>145193               | RECEIPT DATE<br>11-3-67 | DATE CHECKED<br>11-9-67                                                                  | WHSE. TAG NO. 319 |
| WHSE. LOCATION<br>WH # 8            |                         | PACKING LIST USED<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |                   |
|                                     |                         | SHEET 2 OF 3 SHEET                                                                       |                   |

WRITE UP OF GOVERNMENT CONTRACT FURNISHED MAY 1941  
AT NEWS SHIPBUILDING AND DRY DOCK COMPANY

|              |                |             |
|--------------|----------------|-------------|
| CONTRACT NO. | BILL OF LADING | P. O. NO.   |
| WEIGHT       | LAST CARRIER   | 1282-S-N-16 |

*Associated*

CHARTER

SHIPPING *Pittsburgh Corning Corp.*  
SHEET NO. *8* LINE NO. *8* AUTHORITY

| SHEET NO. | LINE NO. | AUTHORITY | GROUP |
|-----------|----------|-----------|-------|
|-----------|----------|-----------|-------|

| P. O.<br>ITEM NO. | QTY. | SERIAL<br>NOS. | DESCRIPTION                   |
|-------------------|------|----------------|-------------------------------|
|                   |      |                | (Contd)                       |
|                   |      |                | 1- CEN # 166 Contg            |
| 9                 | 30   | lin ft         | Ditto item 9 above            |
| 10                | 21   | lin ft         | Ditto above except: 2" x 1/2" |
|                   |      |                | 20 CENs # 167 - # 186 Contg   |
| 10                | 69   | lin ft         | Ditto item # 10 above         |
|                   |      |                | Controlled Material - CM-A    |
|                   |      |                | Sq Eagle on P/L               |

|                                            |                                |                                                                                          |                                  |     |
|--------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|----------------------------------|-----|
| NATURE OF CHECKED<br><i>J. B. Thornton</i> |                                | INSPECTOR                                                                                |                                  | 350 |
| RECEIPT NO.<br><i>145793</i>               | RECEIPT DATE<br><i>11-3-67</i> | DATE CHECKED<br><i>11-9-67</i>                                                           | WHSE. TAG NO.                    |     |
| WHSE. LOCATION<br><i>WH #8</i>             |                                | PACKING LIST USED<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | SHEET <i>3</i> OF <i>3</i> SHEET |     |