



SHOP MATERIALS

| PT NO | DESCRIPTION | NPD (MM) | CMDTY CODE | QTY |
|-------|--|----------|-----------------------|-----|
| 1 | Elbow 90 Deg., 1.5 D, ASME B16.9, BE, SMLS, ASTM A403 Gr. WP 304L, S-80S | 15 | KBC1E90LBWXXXXSS15XXX | 3 |

OTHER THAN SHOP MATERIALS

| PT NO | DESCRIPTION | NPD (MM) | CMDTY CODE | QTY |
|-------|---|----------|----------------------|-------|
| 2 | PIPE, ASME B36.10M / B36.19M, BE, ASTM A312 TP304L, SMLS, S-80S | 15 | KBC1PIPEBXXXXSS15XXX | 6.4 M |

FOR CONT. REFER LOX AREA PIPERACK- 9100
 15NPD
 FW
 SEE ISO 6460-15-80S-31.00
 E 9987819
 N 9754726
 EL +20961

| | | | | | | | | | | | | | | | | |
|--------------------|-------------------|------------|------------|------------|-------------------|-------------------|-------------|---------------|-------------|----------|-------|----------|--------------------|-------------------|--|--|
| LINE NO: | 6460-15-80S-31.00 | | | | | | | | | | | | | | | |
| PIPING SPEC: | KBC1 | | | | | | | | | | | | | | | |
| MAX WORKING TEMP: | 350.00 K | | | | | | | | | | | | | | | |
| MAX WORKING PRESS: | 31.000 MPa | | | | | | | | | | | | | | | |
| FLUID CODE: | UNDEFINED | | | | | | | | | | | | | | | |
| NPD | Piping Spec. | Insul Spec | Insul Thk. | Insul Purp | Max Working Temp. | Max Working Pres. | Test Medium | Test Pressure | PWHT | NDT Type | NDT % | Painting | Stress Requirement | Stress System No. | | |
| 15.00 mm | KBC1 | | 0 mm | | 350 K | 31 MPa | WATER | 46.5 MPa | NO (NOTE 9) | VT | 100 | N | Y | ICET-RE-015 | | |

NDA LABEL: THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF TP/ALICE THIS INFORMATION IS INTENDED TO BE USED FOR THE MENTIONED PURPOSE ONLY. IN CASE OF MISUSE OF INFORMATION AND ANY CLAIM ARISING THEREOF, COST AND CONSEQUENCE WILL BE ON THE PARTY MISUSING THE INFORMATION.