



| BILL OF MATERIALS | | | | DESCRIPTION |
|-------------------|------|---------|---|-------------|
| ID | QTY | NO | | |
| 1 | 0.2M | 1/2" | PIPE SEAMLESS, MATERIAL: API 5L GR B, SCH 80/XS, BEVELLED END, ASME B36.10. | |
| 2 | 3.6M | 2" | PIPE SEAMLESS, MATERIAL: API 5L GR B, SCH 40/STD, BEVELLED END, ASME B36.10. | |
| 3 | 0.8M | 2" | PIPE SEAMLESS, MATERIAL: API 5L GR B, SCH 80/STD, BEVELLED END, ASME B36.10. | |
| 4 | 1 | 2" | CAP, MATERIAL: ASTM A234 GR WPB, SEAMLESS, BWE, ASME B16.9, SCH 80/STD | |
| 5 | 4 | 5/8"x85 | STD BOLT 2HY HX NUT A193 GR.B7/A194 ZINC, RF, 150 LB, ASME B18.2.1 & ASME B18.2.2 | |
| 6 | 1 | 2" | EQUAL TEE 90.0°, BW, ASTM A234 GR. WPB, SCH 40/STD, ASME B16.9 | |
| 7 | 1 | 2"x1/2" | SOCKOLET, 3000 LB, SW, ASTM A105, ASME B16.11. | |
| 8 | 2 | 2" | FLANGE, WN, 150LB, RF, SCH 40/STD, ATSM A105, ASME B16.6 | |
| 9 | 1 | 1/2" | BALL VALVE, 800 LB, SW + NIP, ASME B16.10, ASTM A105, PTFE, PT, FLOATING, API 6D | |
| 10 | 2 | 1 1/2" | SUPPORT PIPE (ACCORDING TO TYPICAL) | |
| 11 | 1 | 2" | SUPPORT PIPE (ACCORDING TO TYPICAL) | |
| 12 | 1 | 2" | SPIRAL WOND GASKET 304/GRAPHITE-CS-, ZINC CR/304 IR, 4.5MM, 150 LB, ASME B16.20 | |

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| PROJECT NAME: | | | |
| Interconexión y optimización de la línea de alta presión en las ESR's -EE.SS. (1ra fase) | | | |
| TITLE: | | | |
| Interconexión Rack de Botellones y ESR57 | | | |
| DRAWING NUMBER: | | | |
| P2275538-USIME1-ESR57-LT-0001 | | | |
| LINE NO: | AREC: | UNIT: | TYPE: |
| 2"-NG-63810-CS2500G | | | |
| JOB NUMBER: | SCALE: | SHEET: | REV. |
| | N.T.S. | 3C OF 3C | 0 |