



BILL OF MATERIALS			
ID	QTY	ND	DESCRIPTION
1	0.2M	1 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, BME, ASME B16.9, SCH 80/STD
5	4	5/8"x85	STD BOLT 2HY HX NUT A193 GRB7/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"	SOCKLEET, 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
13	1	2"	Arrestallamas

PROJECT NAME:			
Interconexión y optimización de la línea de alta presión en las ESR's -EE.SS. (1ra fase)			
TITLE:			
Interconexion Rack de Botellones y ESR63			
DRAWING NUMBER:			
P2275638-USIME1-ESR63-LT-0001			
LINE NO:	AREA:	UNIT:	TYPE:
2"-NG-63810-CS2500G			
JOB NUMBER:	SCALE:	SHEET:	REV.
	N.T.S.	3C OF 3C	0