



BILL OF MATERIALS			
ID	QTY	ND	DESCRIPTION
1	0.2M	1"	PIPE SEAMLESS, MATERIAL: ASTM A312 GR.304L, SCH 160, PLAN END/ASME B36.19.
2	0.4M	1"	PIPE SEAMLESS, MATERIAL: API 5L GR B, SCH 160, PLANE END/ASME B36.10.
3	1	1"	FULL COUPLING, TREADED
4	1	1"	ELL 90, 6000 LB, SW, ASME B16.11, ASTM A105
5	1	3/4"x1"	CONECTOR 3X4" OD X 1" NPT, 275 BAR, 316
6	1	1"	FLANGE SW, 2500 LB, RTJ, ASME B16.5, ASTM A182 GR. 304L
7	1	1"	FLANGE SW, 2500 LB, RTJ, ASME B16.5, ASTM A105
8	4	7/8"x140	STD BOLT 2HY HX NUT ASTM A320 GR.B8 CL.2/A194 GR.8, 1500LB, ASME B18.2.1 & ASME B18.2.2
9	1	1"	OVAR RING GASKET, CS, 2500 LB, R18, ASME B16.20

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:			
P2275538-USIME1-ESR63-LT-0001			
LINE NO:	AREC:	UNIT:	TYPE:
1"-NG-63810-CS2500G			
JOB NUMBER:	SCALE:	SHEET:	REV.
	N.T.S.	1B OF 2B	0