



BILL OF MATERIALS			
ID	QTY	ND	DESCRIPTION
1	0.86M	1"	PIPE SEAMLESS, MATERIAL: API 5L GR. B, SCH 80/XS, PLAIN END, ASME B36.10.
2	1	1"	ELBOW 90.0°, 3000LB, ASTM A105, SW, ASME B36.10
3	1	1"	FLANGE SW, 300 LB, RF, ASME B16.5, ASTM A182 GR. 304L
4	1	1"	FLANGE SW, 300 LB, RF, ASME B16.5, ASTM A105
5	4	5/8"x8.3	STD BOLT 2HY HX NUT ASTM A320 GR.B8 CL.2/A194 GR.8, 1500LB, ASME B18.2.1 & ASME B18.2.2
6	1	1"	DIELECTRIC JOINT, 300LB, RF PHENOLIC, ASME B16.21
7	0.15M	1"	PIPE SEAMLESS, MATERIAL: ASTM A312 GR.304L, SCH 160S, PLAIN END, ASME B36.19.

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.	1D OF 4D	0