



BILL OF MATERIALS			
ID	QTY	ND	DESCRIPTION
1	0.2M	1"	PIPE, SEAMLESS, PLAIN END, ASME B36.19, ASTM A312 GR TP 304, SCH 160
2	1.9M	1"	PIPE, SEAMLESS, PLAIN END, ASME B36.10, ASTM A106 GR B SMLS, SCH 160
3	1	1"	FULL COUPLING, TREADED
4	1	1"	FLANGE SW, 2500 LB, RTJ, ASME B16.5, ASTM A182 GR F304
5	1	1"	FLANGE SW, 2500 LB, RTJ, ASME B16.5, ASTM A105
6	4	7/8"x140	STD BOLT 2HY HX NUT ASTM A320 GRB8 CL2/A194 GR.8, 2500LB, ASME B18.2.1 & ASME B18.2.2
7	1	1"	OVAR RING GASKET, CS, 2500 LB, R18, ASME B16.20
8	1	1"	SUPPORT PIPE (ACCORDING TO TYPICAL)
9	1	3/4"x1"	CONNECTOR 3X4" OD X 1" NPT, 275 BAR, 316

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 1/2"-NG-63810-CS2500G			
JOB NUMBER:	SCALE:	SHEET:	REV.
	N.T.S.	5A OF 5A	0