




BILL OF MATERIAL				
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	HOLD STATUS
PIPE				
1	A312-TP304/304L DUAL GR BUTTWELDED SMLS INTERNAL SURFACE ROUGHNESS < OR = 125 RMS	2	I3364292 <del>I146219</del>	2.0 M
FITTINGS				
2	CONCENTRIC SWAGE MSS SP-95 - A403-WP304/304L DG BE PE SMLS SCH1-STD SCH2-40S R21FQ12FVZPN <CSWB04DGR14151201> (L-CSW21)	2X1	I64580315	1
3	45 LR ELBOW A403-WP304/304L DG BE SMLS ASME B16.9	2	<del>I213655</del> I2259141	1
4	45 LR ELBOW A403-WP304/304L DG BE SMLS ASME B16.9	2	<del>I213655</del> I2259141	2
FLANGES				
5	SW FLANGE ASME B16.5 300# A182-F316/316L DUAL GR RFFE SWE 125 - 250 AARH F02CFL1MB105 S-40S <SWFB34DR35140S> (L-SWF37)	1	I2500941	1
GASKETS				
6	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/PTFE SS 304 SS 304 ASME B16.5 G03GFP1IG04 <N/A> (N/A)	1	I219568	1
BOLTS				
7	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE 1010B5301 <SB2R55G5/831/4> - 2 NUTS PER BOLT - 80 mm Length	5/8	I55705037	4

Authorized for Construction  
Autorizado para la Construcción

Date / Fecha  
16-05-24

Signature / Firma  
  
M. PECILE  
TCM Field Engineering Manager

PIPE MATERIAL	<b>NOTES:</b> 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-800102. 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".			
CS, low temperature				
HEAT TREATMENT (PWHT)				
N				
PAINTING SCHEME (3)		CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
NR			4274-XH-DL-2121VG40E02-1	4001008
PIPING CLASS				
2E63				
WELDING CLASS (4)	 <div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>			
M				
PED CATEGORY				
II				
INSULATION CODE / THK. (mm)	ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121VG40E02-1	
N 0			REV. 0A	