



BILL OF MATERIAL				
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	HOLD STATUS
PIPE				
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B13STD> (L-7806)	3	I117921	3.3 M
FITTINGS				
2	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD <EREA200F315151415> (L-7959).	3X2	I128082	1
3	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)	3	I128599	3
FLANGES				
4	WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STD <WNFA300R152STD> (L-149).	2	I5355795	1
PIPE SUPPORTS				
5	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	3	193	1
6	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	3	194	1
7	STAKES SUPPORTS ST05 HEA120	3	194	1
8	PIPING SUPPORT - BEAMS- BE03 HEA120	3	194	1
GASKETS				
9	SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GDP1IIS12 <N/A> (N/A)	2	I63508906	1
BOLTS				
10	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 85 mm Length	5/8	I53437429	4
NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 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".				
PIPE MATERIAL		<div>CONTRACTOR:</div> <div>CONTRACTOR DRAWING NUMBER:</div> <div>PROJECT:</div> <div>4274-XH-DL-2121VA40Z10-1</div> <div>4001008</div>		
CS				
HEAT TREATMENT (PWHT) N				
PAINTING SCHEME (3) I		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>		
PIPING CLASS 1C17				
WELDING CLASS (4) E				
PED CATEGORY Art 4.3				
INSULATION CODE / THK. (mm) N 0		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121VA40Z10-1
		REV. 00		