


BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PIPL020B13STD> (L-8199)	3	1146278	1.0 M	
FITTINGS					
2	REDUCING SOCKOLET MSS-SP-97 3000# A350-LF2 Class 1 BE SWE - R13DNC07V101 NREQD <SOKL300LB01511> (L-7906)	3X3/4	1368227	1	
3	90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-STD <90LL210F33STD> (L-7966)	3	1213645	1	
FLANGES					
4	WN FLANGE ASME B16.5 300# A350-LF2 Class 1 RFFE BE 125 - 250 AARH F01CFC07BV05 S-STD <WNFL300R353STD> (L-7981)	3	1219622	2	
PIPE SUPPORTS					
5	STAKES SUPPORTS ST01 HEA100	3	296	1	
6	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	296	1	
7	PIPING SUPPORT - BEAMS- BE03 HEA100	3	296	1	
PIPE					
8	PIPE - A333-6 PE SMLS T01AC22Z02 S-XS <PIPL020A13/4XS> (L-PIP01)	3/4	1146384	0.2 M	
FITTINGS					
9	SPECTACLE DISC ASME B16.48 300# A516-70 NORM. FFTBE 125 - 250 AARH SUPPL. REQ. S5 ASME B16.5 D0601FC65004 NREQD <FI8A510F3A15> (L-FI827)	3	14299243	1	
10	NIPPLE - - A333-6 PE MTE SMLS LENGTH 100mm R03AQC22ZW04 S-160 <NTOL020E1110324> (L-9261)	3/4	12503089	1	
11	CAP ASME B16.11 3000# A350-LF2 Class 1 FTE NREQD - R41FNC072001 NREQD <CATL300KBK3/4> (L-7902)	3/4	1118032	1	
GASKETS					
12	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAP LTCS SS 316 ASME B16.5 G03GFP1IAG8 <N/A> (N/A)	3	146364707	6	
BOLTS					
13	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I01OB5301 <SB2R55G3/441/4> - 2 NUTS PER BOLT - 110 mm Length	3/4	155705084	16	
14	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I01OB5301 <SB2R55G3/45> - 2 NUTS PER BOLT - 125 mm Length	3/4	155705087	8	
15	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I01OB5301 <SB2R55G3/471/4> - 2 NUTS PER BOLT - 185 mm Length	3/4	155705099	8	
VALVES / IN-LINE ITEMS					
16	GATE VALVE API 600 300# A352-LCC RFFE 10-316 API 600 L7/7 125 - 250 AARH BB-OS&Y FLXW API 600 HW ASME B16.5 V01FFC82B12R NREQD <G43L-7863> (L-7863)	3	163584433	2	
17	TILTING CHECK LUG ASME B16.34 300# A352-LCC RFTBE DISC:DI SEAT:PEEK 125 - 250 AARH ASME B16.5 V49JFC82P13 NREQD <N/A> (N/A)	3	166040864	1	
18	GATE VALVE API 602 800# A350-LF2 Class 1 SWE SWE 10-316 API 602 L7/7 BB-OS&Y SOW API 602 HW V01GIC0711ZZC NREQD <G63_4L-9943> (L-9943)	3/4	164383040	1	
PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.			
CS, low temperature		2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.			
HEAT TREATMENT (PWHIT)		3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.			
N		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".			
PAINTING SCHEME (3)		CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:	
1			4274-XH-DL-2121VRG41B13-3	4001008	
PIPING CLASS					
C-42					
WELDING CLASS (4)		LOW LINEAL DENSITY POLYETHYLENE (PEL)			
M		AND POLYPROPYLENE (PP) PLANTS			
PED CATEGORY		FOR PROJECT - ALBA PROJECT			
II					
INSULATION CODE / THK. (mm)		ANNEX	SPEC.	DRAWING NUMBER	REV.
N 0		19	L	19-000-2-02-00001 sheet 2121VRG41B13-3	01