

		I	BILL OF MATERIAL				
OT COMPONENT DESCRIPTION PUPE					ITEM CO	DDE QTY	HOLD STATUS
PIPE - A333-6 PE SMLS T01AC22Z02 S-XS <pipl020a111 2xs=""> (L-PIP01) PIPE - A333-6 PE SMLS T01AC22Z02 S-XS <pipl020a13 4xs=""> (L-PIP01)</pipl020a13></pipl020a111>					I146408 I146384		
TTTINGS TEE ASME B16.11 3000# A350-LF	NC071101 NREQD	1.1/2X1.1/2	2 1213735	5 1			
<tesl300lbk11 2=""> (L-7904) REDUCING TEE ASME B16.11 30</tesl300lbk11>	000LBK11/2> (L-7904) ING TEE ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R12FNC071101				I213632	2 2	
NREQD <rtel300lbk11 23="" 4=""> (I CONCENTRIC SWAGE MSS SP-9:</rtel300lbk11>	00LBK11/23/4> (L-RTE09) WAGE MSS SP-95 - A350-LF2 Class 1 PE PE SMLS SCH1-XS SCH2-XS			1.1/2X3/4	152726888 1		
R21FQC07ZZ01 <cswl020ar13161116> (L-CSW30) ECCENTRIC SWAGE MSS SP-95 - A350-LF2 Class 1 PE PE SMLS SCH1-XS SCH2-XS</cswl020ar13161116>					1527268	894 2	
R22FQC07ZZ01 <eswl020ar13161016> (L-ESW28) SPECTACLE DISC ASME B16.48 300# A516-70 NORM. FFTBE 125 - 250 AARH SUPPL.</eswl020ar13161016>					1535593	39 1	
REQ. S5 ASME B16.5 D0601FC65O04 NREQD <fi8a510f3a13> (L-FI827)</fi8a510f3a13>						12503089 3	
NIPPLE A333-6 PE MTE SMLS LENGTH 100mm R03AQC22ZW04 S-160 NTOL020E1110324> (L-9261)							
CAP ASME B16.11 3000# A350-LF2 Class 1 FTE NREQD - R41FNC072001 NREQD <catl300kbk3 4=""> (L-7902)</catl300kbk3>					I118032	I118032 3	
0 COUPLING ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R01FNC071101 NREQD <fcpl300lbk3 4=""> (L-6599)</fcpl300lbk3>					1213066	5 1	
LANGES 1 SW FLANGE ASME B16.5 300# A350-LF2 Class 1 RFFE SWE 125 - 250 AARH F02CFC07B105 S-XS < SWFL300R1511/2XS > (L-7970)					1219516	5 2	
2 SW FLANGE ASME B16.5 600# A350-LF2 Class 1 RFFE SWE 125 - 250 AARH F02CHC07B105 S-XS <swfl300r351 2xs=""> (L-7979)</swfl300r351>					I219534	4 2	
GASKETS 3 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAP LTCS SS 316 ASME B16.5 G03GFP1IAG8 < N/A> (N/A)				1.1/2	I463646	596 2	
4 SPIRAL WOUND GASKET ASME B16.20 600# RFTBE 316/GRAP LTCS SS 316 ASME B16.5 G03GHP1IAG8 <n a=""> (N/A)</n>					I463396	671 2	
80LTS 5 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I010B5301				3/4	1557050	081 4	
<sb2r55g3 44=""> - 2 NUTS PER BOLT - 100 mm Length 6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A320-L7/A194-7 INCH SIZE I010B5301 <sb2r55g1 231="" 4=""> - 2 NUTS PER BOLT - 80 mm Length</sb2r55g1></sb2r55g3>					1557048	842 8	
VALVES / IN-LINE ITEMS. 7 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 <g611_2l-9943> (L-9943) 8 PISTON CHECK VALVE API 602 800# A350-LF2 Class 1 SWE SWE 10-316 API 602 L7/7 BC MS, SL V43GIC0711BC NREQD <l611_2l-9946> (L-9946). 9 SWING CHECK VALVE BS 1868 800# A350-LF2 Class 1 SWE SWE 10-316 BS 1868 L7/7</l611_2l-9946></g611_2l-9943>				1.1/2	1643830	043 1	
				1.1/2	1641563	I64156304 1	
				1.1/2	I65510356 1		
125 - 250 AARH BC ASME B16.5 V21EIC07110P6 NREQD <n a=""> (N/A) 00 GATE VALVE API 602 800# A350-LF2 Class 1 SWE SWE 10-316 API 602 L7/7</n>					I64383040 3		
BB-OS&Y SOW API 602 HW V01GIC0711ZZC NREQD <g63_4l-9943> (L-9943) NSTRUMENTS</g63_4l-9943>							
21 INSTRUMENT COMPONENT					19-FT-4015 1		
PIPE MATERIAL	NOTES: 1. FO	R TECHNICAL	DETAILS SEE LINE LIST.				
CS, low temperature HEAT TREATMENT (PWHT) N	3. WI 4. PA	ELDING ACCOR	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "-" & ">" DENOTES REP.				AII.ABI.E".
PAINTING SCHEME (3)			CONTRACTOR DRAWING NUMBER: PROJECT:				
PIPING CLASS C-42	Tecnimont		4274-XH-DL-2121VRL52A06-2			4001008	
WELDING CLASS (4)	LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS CLIENT / COMPLEX						
PED CATEGORY II	REPJOL		R PROJECT - ALBA P	_		REPSOL POLY! SINES INDUSTRIAL	COMPLEX
INSULATION CODE / THK. (mm) CG 50	annex 19	SPEC. L	- 10,000 0,00 0,000 1 1 0,010 1 TDT #0 1 0 C 0				

on Iso list of relevant CWA **ISOMETRIC DRAWING** 1-1/2"-VRL-52A06-C-42 (CG)

LINE

FILENAME: 19-000-2-02-00001 sheet 2121VRL52A06-2.dwg