E 139534749 N 113368945 \ EL +3434 SEE ISO 2121-IW91N70-2 SPEC B-1 E 139535174 N 113368085 3 EL +3313 3 EL +2763 2121-IW91N68-1 SPEC B-1 -1.1/2X3/4"NPD

BILL OF MATERIAL										
PT NO COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY.	HOLD STATUS						
PIPE 1 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a13 4xs=""> (L-6679) FITTINGS</pipa010a13>	3/4	1132785	9.8 M							
2 TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <tesa300lbk3 4=""> (L-179)</tesa300lbk3>	3/4X3/4	I1651300	1							
3 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD <90FA300LBK3/4> (L-178)	3/4	11651298	8							
4 NIPPLE A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-XS <ntoa010e1111624> (L-7888)</ntoa010e1111624>	3/4	I2221184	1							
5 CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <cata300kbk3 4=""> (L-79)</cata300kbk3>	3/4	I1651686	1							

= =												
STRE		RKS FOR MECHANICAL SUBCONTRACTOR: ES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.										
• •												
		DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL ITHE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL X , ONE WELD FOR										
		EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.										
:29	5) GUS	SETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-										
_ "/												
∹) IN CASE OF DISCREPANCIES BE I WEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.											
** 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PROPRIES OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-000000002). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-000000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-000000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-000000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-000000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-000000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LX-PC-00000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LX-PC-00000003). **ONLY OF THE PIPE AND FIELD WELDS SHALL BY MECHANICAL SUBCONTRACTOR												
3	9) WIII		TEA003 AND TE013.	Sig								
202	SHIPPO	ORTS LEGEND: DENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.										
	SOIIC	WHERE A WITHO	UT NUMBERING IS	S INDICATED, THIS	S MEANS THAT TH	HERE IS A REST DI	RECTLY ON STEEL	STRUCTURE.				
90								STRESS CALC. Nº	TITL			
								-				
08								P & ID				
шi								19-A-19-000-1-01-00001 sheet 111	•			
ATE:								LINE LIST N°	1			
ΔI	00	ISSUED FOR REFERENCE	09-JUN-2023	M.YADAV	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602				
~								PIPE LAYOUT N°	-			
EXTR.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIEN					
					CHECKBI	AITK. BT	ATTR. CLIENT	19-L-19-000-2-00-86192 sheet 1				

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR

REFERENCE

PIPE MATERIAL

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

ISOMETRIC DRAWING LINE

3/4"-IW-91N70-B-1

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.

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

DRAWING NUMBER 19-000-2-02-00001 sheet 2121IW91N70-1

PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4001008 PIPING CLASS 4274-XH-DL-2121IW91N70-1

WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

ANNEX 19

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

FILENAME: 19-000-2-02-00001 sheet 2121IW91N70-1.dwg