REV. CAUSE ID:

STREAM REV. NO. : 7

E 139523268 N 113389624 EL +15379 SS 5 678 G POS: 1 A/W SUPP NO. 139 SEE ISO 2121-LPN91S01-29 SPEC 1C13 N 113390037 681 POS: 2 A/W SUPP NO.158 ORIENT NORTH, A/W SUPP NO. 158 S9 682 POS: 1 A/W SUPP NO.173 S10 686 POS: 2 SEE ISO 2121-LPN91S10-2 SPEC 1C13

BILL OF MATERIAL				
PT NO COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY.	HOL
PIPE 1 PIPE - A106-B BE SMLS T01AC03V02 S-STD <pipa010b12std> (L-7806).</pipa010b12std>	2	I117862	19.8 M	
FITTINGS  2 REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD	2X3/4	17843411	1	
<soka300lb01411> (L-343). 3 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD &lt;45LA200F32STD&gt;</soka300lb01411>	2	I210283	1	
(L-7956).  4 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955).	2	1128529	4	
PIPE SUPPORTS				
5 STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	678	1	
6 STANDARD GUIDE FOR NOT INS. PIPING-NIGI	2	679	1	
7 U BOLT (FOR GUIDE)-P02D	2	681	1	
8 STOP HORIZ VERT FOR NOT INS. PIPING-NIF1	2	681	1	
9 U BOLT (FOR GUIDE)-P02D	2	682	1	
10 WELDED BRACKET TO STRUCT. SB02 L80X80X10	2	686	1	
11 U BOLT (FOR GUIDE)-P02D	2	686	1	
FITTINGS	-	000	•	
12 NIPPLE A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-XS <ntoa010e1111624> (L-7888).</ntoa010e1111624>	3/4	I2221184	1	
(L-79).				

$\approx$												
STRE	REMARKS FOR MECHANICAL SUBCONTRACTOR:  1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.											
		1) LINES 1.1/2 AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHER WISE INSULATED.  2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.										
		5) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL X, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT										
		4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.										
55	5) GUS	5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.										
	6) CRC											
7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.												
—		TUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUB-						TELOGE AND PEOLO	Sig			
9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.												
053	CLIDDO	ILIPPORTS LECENID. [T]DENOTES PARTS LIST NO STREET, A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD							'			
SUPPORTS LEGEND: UDENDIES PARISLIST NO SUPPORT - WHERE A WHEN THERE BAY REST DIRECTLY ON STEEL STRUCTURE.												
4		<del>-</del>						STRESS CALC. Nº	TITL			
								-				
02								P & ID	IS			
μij								19-A-19-000-1-01-00001 sheet 115	•			
ATE:								LINE LIST Nº	1			
Δ.	00	ISSUED FOR CONSTRUCTION	07-APR-2023	M.YADAV	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602				
XTR.								PIPE LAYOUT Nº	1			
EX	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 2				

**CONSTRUCTION** Signature for construction is shown on Iso list of relevant CWA

APPROVED FOR

PIPE MATERIAL

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

ISOMETRIC DRAWING LINE

2"-LPN-91S10-1C13

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" PAINTING SCHEME (3) CONTRACTOR DRAWING NUMBER: PROJECT:

CONTRACTOR: 4001008 PIPING CLASS 4274-XH-DL-2121LPN91S10-1 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 2121LPN91S10-1.dwg

DRAWING NUMBER 19-000-2-02-00001 sheet 2121LPN91S10-1