3/4X3/4"NPD \ 2121-IW91N20-1 T STEM NORTH E 139516601 N 113395721 EL +886 19-US-2121-02 6 SP-04-291N0-13 8 STEM NORTH

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK3/4> I1651300 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD I1651294 <45FA300LBK3/4> (L-184) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-XS I2221184 <NTOA010E1111624> (L-7888) CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK3/4> 3/4 11651686 SPECIALTY COMPONENT SP-04-291N0-13 1 ALVES / IN-LINE ITEMS GLOBE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y I11426472 API 602 HW V02GIC441162 NREQD < A63 4L-296> (L-296) GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW 3/4 I11426464 API 602 HW V01GIC441111 NREQD < G63 4L-6566> (L-6566)

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STRE,	REMA	RKS FOR MECHANICAL SUBCONTRACTOR:							
∞	1) LINI	ES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.							
		2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.							
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT 4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603. 5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002. 6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.									
α	TO BY CARE OF DISCREDA ANGLE RETRUCTOR AT A CHOUNT ON AND DATA CHOUNT DATA CHO								
\ddot{c}		TUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUB(1
16		ERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT				W_00000002 AND	ASSEMBI V NO	FEA005 AND FE019	
3	-)		DI IDED ON DOC	. 13 1 000 7 00 00	702 1271 1111 2	0000000271112	TOOLINDET TO	121000 1110 12019.	↓ S
202	SUPPO	ORTS LEGEND: DENOTES PARTS LIST NO PIPE A=RESTINGS		GUIDE F = AXIA				FLON PAD	
- 1	50110	SUPPORT — WHEREAWITHO	UT NUMBERING IS	S INDICATED, THIS	MEANS THAT TH	IERE IS A REST DIF	ECTLY ON STEEL	STRUCTURE.	
90								STRESS CALC. Nº	TIT
- 9								_	
=	\vdash							D 0 ID	1
·::								P&ID	_
ATE:	\vdash							19-A-19-000-1-01-00001 sheet 111	4
ď	00	ISSUED FOR REFERENCE	16-JUN-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N°	
								19-L-19-000-2-00-80602	
Ĕ								PIPE LAYOUT Nº]
EXTR.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86197 sheet 1	

REFERENCE Signature for construction is shown on Iso list of relevant CWA

LINE

3/4"-IW-91N20-B-1

ISSUED FOR

PIPING CLASS WELDING CLASS (4) ISOMETRIC DRAWING PED CATEGORY

PIPE MATERIAL

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

CS

CONTRACTOR:

ANNEX

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 2121IW91N20-2

PAINTING SCHEME (3) CONTRACTOR DRAWING NUMBER: PROJECT: 4001008 4274-XH-DL-2121IW91N20-2

> LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

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FILENAME: 19-000-2-02-00001 sheet 2121IW91N20-2.dwg