

BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A671-CC60 BE EFW CL.22 SUPPL. REQ. S2 T01AC27V10 S-20.62 I63792632 <PIPA030B1420.812> (L-PIP119) REDUCING WELDOLET MSS-SP-97 A105N BE - C35DC44V01 S-20.62 S-STD 42X2 163793791 REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREOD 42X1.1/2 17843541 <SOKA300LB03513> (L-343) REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD 42X3/4 17843539 <SOKA300LB03511> (L-343) SP-09-240C1-01 1 LANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD 15355797 <WNFA300R352STD>(L-236) INSTRUMENTS INSTRUMENT COMPONENT 19-PT-4010 PIPE SUPPORTS RESTING SHOE WELDED -C4A1 H = 150 L = 400 5003 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A111/2XS > (L-6679) I132809 FLANGES 0 SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762192 1.1/2 <SWFA300R3511/2XS> (L-375) GASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAFOIL CARBON STEEL SS 316 2 I60205410 ASME B16.5 G03GFP1IO01 < SPAO504R3EA2 > (L-SPA01) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAFOIL CARBON STEEL SS 316 1.1/2 160205409 ASME B16.5 G03GFP1IQ01 <SPAQ504R3EA11/2> (L-SPA01) 13 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437635 <SB2R51G3/431/2> - 2 NUTS PER BOLT - 90 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437269 <SB2R51G5/841/4> - 2 NUTS PER BOLT - 105 mm Length 15 INSTRUMENT COMPONENT 1.1/2 19-TE-4009

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STRE		RKS FOR MECHANICAL SUBCONTRACTOR:							
• -		1) LINES 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.							
		THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL X , ONE WELD FOI							
	4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.								
33		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. 7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.							
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13		'UAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUB BRE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT				W 00000002 AND	ASSEMBI V NO	FE A005 AND FE010	
2	2) WIII								վ Տ
22	SUPPORTS LEGEND: Denotes parts list no pipe — A=resting support G=guide F=axial stop B=anchor M=spring S=teflon pad where A without numbering is indicated, this means that there is a rest directly on steel structure.								
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02								STRESS CALC. Nº	TI
<u>~</u>								REP-PE-001	١.
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щ								19-A-19-000-1-01-00001 sheet 31	
. DATE:	00	ISSUED FOR CONSTRUCTION	03-FEB-23	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST Nº	7
								19-L-19-000-2-00-80602	
E.								PIPE LAYOUT Nº	7
ΕX	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86197 sheet 2	

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

APPROVED FOR

PIPE MATERIAL

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

PIPING CLASS

WELDING CLASS (4)

INSULATION CODE / THK. (mm)

PED CATEGORY

CS

ISOMETRIC DRAWING LINE

42"-CYG-40B02-1E87 (P)

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

ANNEX

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"

CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

4274-XH-DL-2121CYG40B02-3

1E87 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL

DRAWING NUMBER

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

00 19-000-2-02-00001 sheet 2121CYG40B02-3