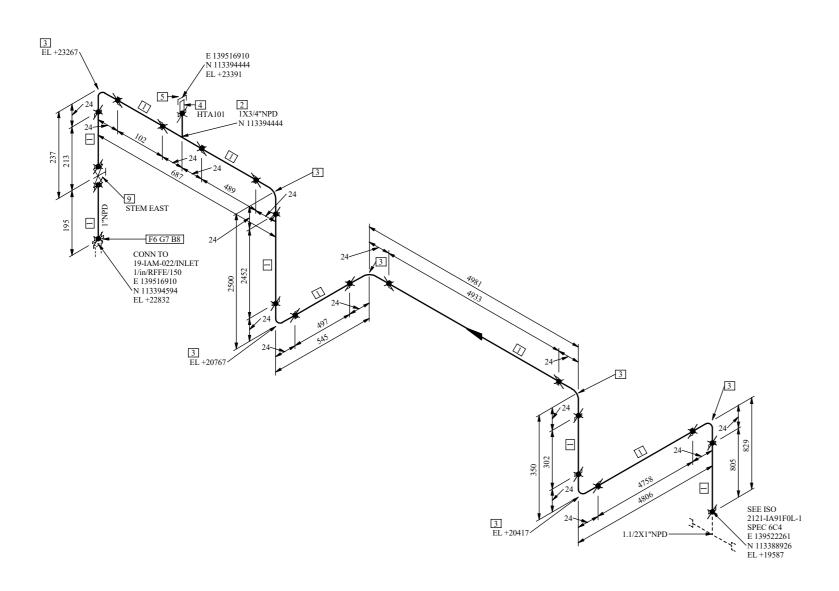
REV. CAUSE ID:

STREAM NO.:3250





	BILL OF MATERIAL								
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY .	HOLD STATUS				
PIPE									
l	PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S <pipb04da2140s> (L-PIP111)</pipb04da2140s>	1	12257939	14.7 M					
FITT	TINGS								
l	REDUCING TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R12FNL2A1101 NREQD <rteb450lbk13 4=""> (L-RTE18)</rteb450lbk13>	1X3/4	12258205	1					
	90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREOD <90FB450LBK1> (L-90F05)	1	12258117	7					
	NIPPLE A312-TP304/304L DUAL GR PE MTE SMLS LENGTH 100mm R03AQL2CZW04 S-80S <ntob04de2110424> (L-NTO09)</ntob04de2110424>	3/4	I2258068	1					
	CAP ASME B16.11 3000# A182-F304/304L DUAL GR FTE NREQD - R41FNL2A2001 NREQD <catb450kbk3 4=""> (L-CAT04)</catb450kbk3>	3/4	I2259129	1					
	NGES								
6 5	SW FLANGE ASME B16.5 150# A182-F304/304L DUAL GR RFFE SWE 125 - 250 AARH F02CDL2AB105 S-40S <swfb450r15140s> (L-SWF30)</swfb450r15140s>	1	12260363	1					
GAS	SKETS.								
	SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GDP1IS04 <n a=""> (N/A)</n>	1	I1654482	1					
BOL	<u>ZT.</u>								
	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B8M CL2/A194-8MA INCH SIZE 1010B1601 <sb2r58g1 2="" 221=""> - 2 NUTS PER BOLT - 65 mm Length</sb2r58g1>	1/2	I63801410	4					
VAL	VES / IN-LINE ITEMS								
1	GATE VALVE API 602 800# A182-F316/316L DUAL GR SWE SWE 12-316&HF API 602 A193-B8M CL2/8MA BB-OS&Y SOW API 602 HW V01GIL1M114N NREQD <g61l-al021> (L-AL021)</g61l-al021>	1	I3404187	1					

=												
STR		RKS FOR MECHANICAL SUBCONTRACTOR:										
• 1	,	ES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.										
	2) ALL	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 🗶 , ONE WELD FOR		1								
	4) FOR	EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.	FER TO 4274-LZ-PC-00000603.									
	5) GUS	5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.										
$\ddot{c}$	6) CRC	DSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.		1								
TO BUGGE OF DIGORDENANCIES DETRUCTIVE AT A CHORD ON ISO AND BUILDIE LIST (AS A DRIVE) AND FOUND IN LIBIT LIST CONFIDENCE.												
(7) IN CASE OF DISCREPANCIES BEI WEEN DATA SHOWN ISO AND IN LIST (AS APPLICABLE, DATA SHOWN IN LIST LIST GOVERNO.)  (8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF. TO 4274-LZ-PC.)												
$\equiv$		RE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT				W-00000002 AND	ASSEMBI V NO	FEA005 AND FE019	۱ ۵۰			
33	)) WIII	THE EMETHING BONDING IS REQUIRED, MECHANICAE SUBCONTRACTOR TO TERLORINA	BribLD OIT DOC	. 43-1-000-7-00-00	702 4274 -1414-D	11-0000000271112	AUSEMBET NO	TEMOGRADIEOTY.	Si			
202	SUPPO	SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEHLON PAD  WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.										
-08								STRESS CALC. Nº	TITI			
<u> </u>												
03												
1								P & ID	I			
μï								19-A-19-000-1-01-00001 sheet 106				
DATE:		ISSUED FOR REFERENCE	04-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº	]			
	00							19-L-19-000-2-00-80602				
ĸ								PIPE LAYOUT Nº	1			
EXTR.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86197 sheet 6				

Signature for construction is shown on Iso list of relevant CWA

**ISSUED FOR** 

REFERENCE

PIPE MATERIAL

PIPING CLASS

304, dual grade

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

NR

ISOMETRIC DRAWING LINE

1"-IA-91F0J-6C4

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102

4274-XH-DL-2121IA91F0J-1

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: CONTRACTOR DRAWING NUMBER: PROJECT:

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

4001008

DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91F0J-1

FILENAME: 19-000-2-02-00001 sheet 2121IA91F0J-1.dwg