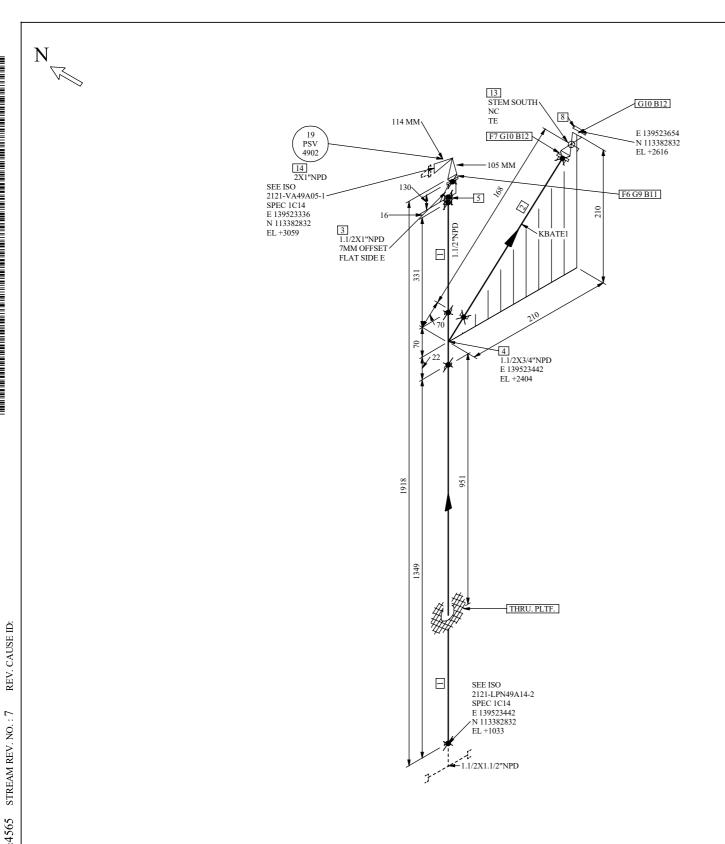
REV.

SUPPORTS LEGEND:

ISSUED FOR CONSTRUCTION

DESCRIPTION



REMARKS 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.

3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL X , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT

3) FOR THE CUMPONENTS 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.
7) IN CASE OF DISCREPANCIES BETWEEN 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).
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.

□DENOTES PARTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXLAL STOP B=ANCHOR M=SPRING S=TIFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

M.YADAV

P.VAZE

CHECK BY

06-OCT-23

		I	BILL OF MATERIAL				
PT NO COMPONENT DESCRIPTION	N.			N.S. (IN)	ITEM CODE	e QTY	HOLD STATUS
PIPE 1 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a111 2xs=""> (L-6679) 2 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a13 4xs=""> (L-6679)</pipa010a13></pipa010a111>				1.1/2 3/4	I132809 I132785	1.7 M 0.1 M	
FITTINGS 3 ECCENTRIC SWAGE MSS SP-95	- A105N PE PE SM	ILS SCH1-	XS SCH2-XS R22FQC44ZZ01	1.1/2X1	I62946435	1	
<eswa010ar13161216> (L-ESW 4 REDUCING 45 LATERAL ASME)</eswa010ar13161216>	-	A105N SW	E SWE - R18RNC441101	1.1/2X3/4	I63782637	1	
Undefined <lr4a300lb1311> (L-1 5 COUPLING ASME B16.11 3000# A <fcpa300lbk11 2=""> (L-180)</fcpa300lbk11></lr4a300lb1311>		- R01FNC	441101 NREQD	1.1/2	11651679	1	
FLANGES 6 SW FLANGE ASME B16.5 300# A	105N RFFE SWE	125 - 250 A	ARH F02CFC44B105 S-XS	1	I4217823	1	
<swfa300r351xs> (L-375) 7 SW FLANGE ASME B16.5 150# A SWFA300R153 (AVS) (L-205)</swfa300r351xs>	105N RFFE SWE	125 - 250 A	ARH F02CDC44B105 S-XS	3/4	15378342	1	
<swfa300r153 4xs=""> (L-295) 8 BLIND FLANGE ASME B16.5 150 <blfa300r153 4=""> (L-140)</blfa300r153></swfa300r153>	- 250 AARH F10CDC44B005	3/4	11652356	1			
GASKETS 9 SPIRAL WOUND GASKET ASME B16.5 G03GFB1IG12 < SPAQ505R			E CARBON STEEL SS 304 ASME	1	163598746	1	
10 SPIRAL WOUND GASKET ASME B16.5 G03GDB1IG12 < SPAQ505F	E B16.20 150# RFF	E 304/PTFI	E CARBON STEEL SS 304 ASME	3/4	12230475	2	
BOLTS 11 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <sb2r51g5 4="" 841=""> - 2 NUTS PER BOLT - 110 mm Length</sb2r51g5>				5/8	153437270	4	
12 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <sb2r51g1 2="" 221=""> - 2 NUTS PER BOLT - 65 mm Length</sb2r51g1>				1/2	153437190	8	
VALVES / IN-LINE ITEMS 13 BALL VALVE API 608 150# A216 2PSB-FULL BORE FLOATING BA				3/4	110013686	1	
INSTRUMENTS 14 INSTRUMENT COMPONENT				2X1	19-PSV-49	902 1	
PIPE MATERIAL			DETAILS SEE LINE LIST. N OR INSTRUMENT CONNECTION DETAIL	C CEE AS I AS	000 2 00 80102		
CS HEAT TREATMENT (PWHT) N	3. WEL 4. PAIN	DING ACCO	RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPSO			LINICODE IS "NOT AV	AII ARI F"
PAINTING SCHEME (3)	CONTRACTOR:				PROJECT:		
PIPING CLASS 1C14	Tecnimont		4274-XH-DL-2121LF	PN49A13-1 4001008			
WELDING CLASS (4) E-2 PED CATEGORY	-	AND I	AL DENSITY POLYE POLYPROPYLENE (PF R PROJECT - ALBA PF	P) PLAN	NTS	CLIENT / CO REPSOL POLY!	MEROS/
I INSULATION CODE / THK. (mm)	ANNEX	SPEC.	DRAWING NUMBER		31	NES INDUSTRIAI	REV.
N 0	19	L	19-000-2-02-00001 sh	eet 2121	LPN49A	15-1	33

STRESS CALC. Nº

PIPE LAYOUT Nº

APPR. CLIENT

G.PAGANONI

APPR. BY

ISOMETRIC DRAWING LINE

APPROVED FOR CONSTRUCTION