REV. CAUSE ID:

STREAM REV. NO.: 10

STREAM NO.:4500

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

DENOTES PARTS LIST NO PIPE SUPPORT —

DESCRIPTION

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.

05-APR-24

15-DEC-23

30-JUN-23

M.YADAV

M.YADAV

U.CHAVAN

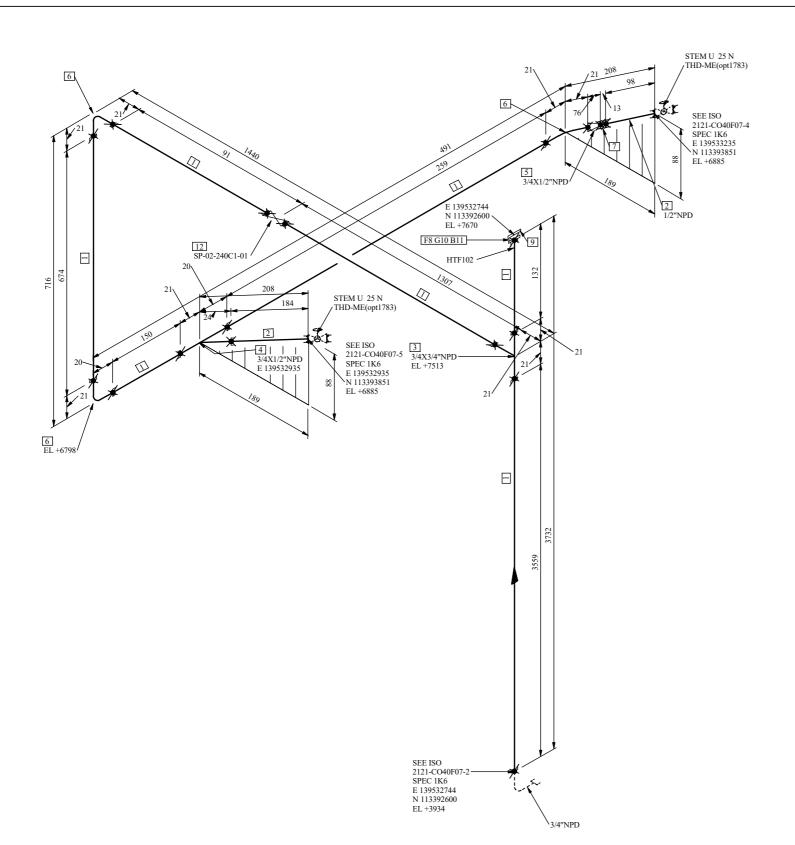
REV.

SUPPORTS LEGEND:

ISSUED FOR REFERENCE

ISSUED FOR REFERENCE

ISSUED FOR REFERENCE



To Prof. A 106 O PE SMLS TO LACESZEE S.NS - PEPAGONAL SANSS - (L-6679) 34 1122775 6.1 M			·	BILL OF MATERIAL					
PIPE - A106-FE PIMIS TO INATIONATE SASE PIPADIAN STATES (-0.679) 34 132775 0.3 M	NO COMPONENT DESCRIPTION	N.	-	SILL OF WHATERIAL		ITEM CODE	QTY.	HOLD STATUS	
THE MATERIAL 3000 AIGNS SVE SWE RITENCE 101 NORD 34 VIZ 165 1300 1	1 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a13 4xs=""> (L-6679) 2 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a11 2xs=""> (L-6679)</pipa010a11></pipa010a13>								
### REDICKNOTER ASME BIGE 13 0000 A JONN FOR SME REPORT A JONN FOR SME SKELLANS REJECCEATZON 34X1/2 165785564 1 **CONMINIORATION (10000 A) 10000 A) 1000 N SWE SWE - REJENCIALITY ON REQUIPMENT AND SWEAD BIGE 13 0000 A) 1000 N SWE SWE - REJENCIALITY ON REQUIPMENT AND SWEAD BIGE 13 0000 A) 1000 N SWE SWE - REJENCIALITY ON REQUIPMENT AND SWEAD BIGE 13 0000 A) 1000 N SWE SWE - REJENCIALITY ON REQUIPMENT AND SWEAD BIGE 15 0000 A) 1000 N SWE SWE - REJENCIALITY ON REQUIPMENT AND SWEAD BIGE 15 0000 A) 1000 N SWEET SWEAD BIGE 15 000 A) 1000 N SWEAT SWEAD BIG 15 000 A) 1000 N SWEET SWEAD BIG 15 000 A) 1000 A) 1000 N SWEET SWEAD BIG 15 000 A) 1000 A) 1	3 TEE ASME B16.11 3000# A105N S	SWE SWE - R11F	FNC441101	NREQD <tesa300lbk3 4=""></tesa300lbk3>	3/4X3/4	I1651300	1		
5 CONCENTRIC SWAGE MSS 799 - A0SN PP ESMLS SCHILAS SCHEAS R2HPQ-042201 MAX12 607782561 1 - COURTING ASMERIAGE 10000 A105N SWE SWE - R3HNC-041101 NIEQD 34 11651298 3 - COURTING ASMERIAGE 13000 A105N SWE SWE - R0HNC-041101 NIEQD 12 11651675 1 - COURTING ASMERIAGE 13000 A105N SWE SWE - R0HNC-041101 NIEQD 12 11651675 1 - COURTING ASMERIAGE 13000 A105N RFTE SWE 125 - 250 AARH 1902KC-041005 5-XS 34 19761655 1 - SWE ABACRASME 16-657) - BI IND LANGE ASMERIAGE 13000 A105N RFTE NREQD 125 - 250 AARH 1902KC-041005 5-XS 34 19761655 1 - COURTING ASMERIAGE 1-04007 - CASSETIS - OS SPRIA WORKDOM GASKET ASMERIACO 15000 RFTER S04 GRAPOUL CARBON STEEL SS 304 34 19761655 1 - STEEL SWE ADMINISTRATION STEEL SHE SEE STEEL SHE SEE SWE ASMERIAGE 1-0400 B1312 11 1 - ASMERIAGE 18-5 SWE ABMERIAGE 15000 RFTER S04 GRAPOUL CARBON STEEL SS 304 34 153457466 4 - SSENSIGS-044122 - 2 WUTS PER BOLT - 115 mm Length VALUES: INSLINE TEMAS 2 SPECIALTY COMPONENT 34 SEE STEEL SEE SEE ASMERIAGE 1-0400-040000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-040000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-040000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER S04 GRAPOUL CARBON STEEL SSEE ASSESSED ASMERIAGE 1-0400-04000 RFTER	4 REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD				3/4X1/2	I1651303	1		
6—99 LEROW ASME BIG.1 10000 #A105N SWE SWE - R01FNC441101 NREQD 1/2 11651675 1 7 COUPLING ASME BIG.1 13000 #A105N SWE SWE - R01FNC441101 NREQD 1/2 11651675 1 8 SWF LANGER SME BIG.5 15000 #A105N RFFE SWE 125 - 250 AARH FOCKC44BI05 S.N.S 3/4 1991395 1 SWFADDSSSSSSSS CL-66689 9 BLIND FLANGER ASME BIG.5 15000 #A105N RFFE SWE 125 - 250 AARH FOCKC44BI05 S.N.S 3/4 1991395 1 SWEADSSSSSSS CL-66689 9 BLIND FLANGER ASME BIG.5 15000 #A105N RFFE BA304 RAFORL CARBON STEEL SS 364 3/4 165465112 1 SWEADSSSSSSSSS CL-66689 1 SWEADSS CARBON BIG.2 15000 #FFBB 304GRAPOIL CARBON STEEL SS 364 3/4 165463112 1 SWEADSSCREAM CL-2 SWETS BIR.5 1/2 BIR.2 2 A193-BT/A194-2H INCH SIZE BIODB9001 3/4 153437466 4 *SBERSIGANIC-2 - 2 NUTS BIR.B DOLT - 115 mm Length VALVES //N-LINE HEASS 1/2 SPECIALTY COMPONENT 3/4 SP-402-240C1-01 1 **SPECIALTY COMPONENT 3/4 SP-402-240C1-01 1 **PONDICLASS** N SWEADS CONTRACTORS** **SWEADS CONTRACTORS** **SWEADS CONTRACTORS** **SWEADS CONTRACTORS** **CONTRACTORS** **C	5 CONCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R21FQC44ZZ0				3/4X1/2	I63782564	1		
COURTING ASSEE BIG.1 1 3000F A105N SWE SWE - ROLENCHAFTON NEEDO 1/2 11651675 1	6 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD				3/4	11651298	3		
S WELANGE SAME BIGS 1500# AIGN REFE SWE 125 - 250 AARH F02CKC44B015 S-XS 34 1991395 1 SWEADDESSAMES (L-6687) BILIND FLANGE ASME BIGS 1500# AIGN REFE NREQD 125 - 250 AARH F10CKC44B005 34 19761655 1 SHAND FLANGE ASME BIGS 1500# AIGN REFE NREQD 125 - 250 AARH F10CKC44B005 34 19761655 1 SWEADDESSAME CL-687) GASKETS ID SWEAL WOLND GASKET ASME BIGS 1500# AIGN REFINE MAGRAFORL CARRON STEEL SS 304 3/4 163463112 1 ASME BIGS GROCKPISI2 * 2*NA* CNA* CNA*) BOLTS I STUD BIGLTSRAUTS ASME BIRS 12.7 BIRS 22 A193-B7/A194-2H INCH SIZE BIOBROOD 3/4 153437466 4 SSB235(G34412- 2 NUTS PER BOLT - 115 mm Length VALVEX_INSLINITIONS 12 SPECIALTY COMPONENT 3/4 SP-402-240C1-01 1 FOR YEAR TRANSMIN (PWHI) AND TEST 1 FOR TRUINGEAL DEFAILS SPELINE INST. 2 FOR YEAR, BRAND OR STREAMEN CONSISTENCE DEFAILS SRE-61-4-609-240-80100. 3/4 SP-402-240C1-01 1 FOR YEAR TRANSMIN (PWHI) AND TEST 1 FOR TRUINGEAL DEFAILS SPELINE INST. 2 FOR YEAR TRANSMIN (PWHI) AND TEST 1 FOR TRUINGEAL DEFAILS SPELINE INST. 2 FOR YEAR TRANSMIN (PWHI) AND TEST 1 FOR TRUINGEAL DEFAILS SPELINE INST. 3/4 SP-402-240C1-01 1 FOR SCHEME (1) CONTRACTOR: CONTRACTOR DEFAILS SPELINE INST. 4001008 WELDING CLASS (0) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT CLIENT / COMP SNENDMINIMAL CO	7 COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREQD <fcpa300lbk1 2=""> (L-180)</fcpa300lbk1>				1/2	11651675	1		
9 BLIND FLANGE ASME BIAS 13000 AUGN REFE NERQO 125 - 250 AARH FIGEKC44B00S 34 9761655 1 - GRASSETS 10 STRIAL WOUND GASKET ASME BIG 30 15000 RTHE 504/GRAFOR CARBON STEELS 300 34 163463112 1 - ASME BIG 5 GROGRISIS 2-NA0/A BIOLIS 11 STUD BOLTSRAUTS ASME BIR 31.2 BIR 22 A19-8 P/A194-2H INCH SIZE 1010B0301 34 153437466 4 - SSESSIGS 4412- 2 NUTS PER BOLT - 115 mm Length NOTES: 1 FOR TRICHICAL BETAILS SELENCELET: 2 FOR VENT BRANCE RESTRICATION OF REFERENCE	8 SW FLANGE ASME B16.5 1500# A105N RFFE SWE 125 - 250 AARH F02CKC44B105 S-XS				3/4	1991395	1		
10 SPIRAL WOUND GASKET ASME BIG 20 1500® RFTBE 304GRAFOIL CARBON STEEL SS 304 314 163463112 1 ASME BIG 5 GOGGRFIBIS 2 N/A - (N/A) BOLTS 11 STUD BOLTSANUTS ASME BIS 31.2 / BIS 22 A 193-B7/A194-2H INCH SIZE 1010B0301 3/4 153437466 4 **SIRRSIGNAMIA* - 2 NUTS PER BOLT - 115 mm Length YALVES / INLINE ITEMS 12 SPECIALTY COMPONENT 3/4 SP-02-240C1-01 1 **PREMATERIAL CS HEAT TREATMENT (PWHT) N SOUR SHOWN IN DOM BISTREAMENT CONNECTION DETAILS SEE 54-4-500-2-00-80012. 3. WELDING ACCORDING TO 44-4-4-4-00-1-4-0-306. **BEAT TREATMENT (PWHT) N SOUR SHOWN IN DOM BISTREAMENT CONNECTION DETAILS SEE 54-4-500-2-00-80012. 3. WELDING ACCORDING TO 44-4-4-4-00-1-4-0-306. **PRINTING SCHEME (5) CONTRACTOR: CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 474-XH-DL-2121CO40F07-3 **REPORT OF PROJECT - ALBA PROJECT CELENT / COMP REPORL TO ANY INSTRUMENTAL OF SINE SINE SINE SINE SINE SINE SINE SINE	9 BLIND FLANGE ASME B16.5 1500# A105N RFFE NREQD 125 - 250 AARH F10CKC44B005 <blfa3004553 4=""> (L-6657)</blfa3004553>				3/4	19761655	1		
II STUD BOLTSENUTS ASME BIS 31.27 BIS 2.2 A 193-B7/A 194-2H INCH SIZE 1010B0301 3/4 153457466 4 SERESIGNA 141.2 - 2 NUTS PER BOLT - 115 mm Length YALVES (PIN-LINE HTEMS 12 SPECIALTY COMPONENT 3/4 SP-02-240C1-01 1 PREMATERAL CS BEAT TREATMENT (PWIT) N SCOSI SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NOT AVAILAD FROM THE COMPONENT SIGNAN IN BOAR BITWERN'S A "PORNOTIS BIPBOL INCODE: "NAL" MEANS UNCODE IS "NAL" MEANS UNCODE I	10 SPIRAL WOUND GASKET ASMI ASME B16.5 G03GKP1IS12 <n a<="" td=""><td></td><td>FTBE 304/G</td><td>RAFOIL CARBON STEEL SS 304</td><td>3/4</td><td>163463112</td><td>1</td><td></td></n>		FTBE 304/G	RAFOIL CARBON STEEL SS 304	3/4	163463112	1		
PRE-MATERIAL NOTES: 1 FOR TECHNICAL DETAILS SEE LINE LIST:	11 STUD BOLTS&NUTS ASME B18 <sb2r51g3 2="" 441=""> - 2 NUTS PER</sb2r51g3>			-2H INCH SIZE 101OB0301	3/4	153437466	4		
CS #EAT TREATMENT (PWHT) N CONTRACTOR: CONTRACTOR: CONTRACTOR DRAWING NUMBER: PIPING CLASS WELDING CLASS (4) WELDING CLASS (4) E PED CATEGORY Art 4.3 PART VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING OR 10-5-L-45-000-2-00-80221. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "«" & ">" DENOTES REPSOL UNICODE. "«N/A>" MEANS UNICODE IS "NOT AVAILABLE TO NOT AVAILA					3/4	SP-02-240C1-0	01 1		
CS #EAT TREATMENT (PWHT) N CONTRACTOR: CONTRACTOR: CONTRACTOR DRAWING NUMBER: PIPING CLASS WELDING CLASS (4) WELDING CLASS (4) E PED CATEGORY Art 4.3 PART VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING OR 10-5-L-45-000-2-00-80221. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "«" & ">" DENOTES REPSOL UNICODE. "«N/A>" MEANS UNICODE IS "NOT AVAILABLE TO NOT AVAILA									
CS 1	DIDE MATERIAL	NOTEC							
HEAT TREATMENT (PWHT) 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<\A>" MEANS UNICODE IS "NOT AVAILABLE TO SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4274-XH-DL-2121CO40F07-3 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL CO		2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.							
PIPING CLASS WELDING CLASS (4) WELDING CLASS (4) WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS REPSOL POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT NISH ATION CODE (THE (mr.))									
PIPING CLASS WELDING CLASS (4) WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS REPSOL POLYPROPYLENE		CONTRACTOR:		CONTRACTOR DRAWIN	G NUMB	BER: PRO	DJECT:		
WELDING CLASS (4) E PED CATEGORY Art 4.3 REPSOL LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS REPSOL POLYPROPYLEN	PIPING CLASS	Tecnimont		4274-XH-DL-2121C	DL-2121CO40F07-3			4001008	
INCH ATION CODE /THV (mm)	WELDING CLASS (4) E PED CATEGORY	-	AND I	POLYPROPYLENE (PI	P) PLAN	TS R	L) CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX		
N 0 19 L 19-000-2-02-00001 sheet 2121CO40F07-3	INSULATION CODE / THK. (mm)	ANNEX SPEC. DRAWING NUMBER			SINES		corna	REV. 02	

ISSUED FOR REFERENCE

Signature for construction is shown

FILENAME: 19-000-2-02-00001 sheet 2121CO40F07-3.dwg