

				I	BILL OF MATERIAL				
1 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-XS <90LA200F31XS> 1 1128426 2 (L-7930) 2 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-XS <45LA200F31XS> 1 1426870 1 (L-7932) FLANGES 3 WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 1 14217849 3 <wnfa300r351xs> (L-236) PIPE 4 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a11xs> (L-6679) 1 1132793 7.2 M GASKETS 5 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1 163508951 2 ASME B16.5 G03GFP1IS12 <n a=""> (N/A) BOLTS 6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 5/8 153437418 8</n></pipa010a11xs></wnfa300r351xs>	NO CON	MPONENT DESCRIPTION	N.				ITEM CODE	E QTY	HOLD STATU
2 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-XS <45LA200F31XS> 1 1426870 1 (L-7932) FLANGES 3 WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 1 14217849 3 <	1 90 LR EL	BOW ASME B16.9 A234	-WPB BE SMLS (C01DC04V	01 S-XS <90LA200F31XS>	1	1128426	2	
3 WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-XS 1 14217849 3 - WNFA300R351XS> (L-236) PIPE 4 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS> (L-6679) 1 132793 7.2 M GASKETS 5 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1 163508951 2 - ASME B16.5 G03GFP1IS12 < N/A> (N/A) BOLTS 6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 5/8 153437418 8	2 45 LR EL	BOW ASME B16.9 A234	-WPB BE SMLS (C02DC04V	01 S-XS <45LA200F31XS>	1	I426870	1	
4 PIPE - A106-B PE SMLS T01AC03Z02 S-XS <pipa010a11xs> (L-6679) 1 1132793 7.2 M GASKETS 5 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1 163508951 2 ASME B16.5 G03GFP1IS12 <n a=""> (N/A) BOLTS 6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 5/8 153437418 8</n></pipa010a11xs>	3 WN FLAN		A 105N RFFE BE 12	25 - 250 AA	ARH F01CFC44BV05 S-XS	1	I4217849	3	
5 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1 163508951 2 ASME B16.5 G03GFP1IS12 <n a=""> (N/A) BOLTS 6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 5/8 153437418 8</n>		06-B PE SMLS T01AC0	3Z02 S-XS <pipa(< td=""><td>010A11XS></td><td>≻ (L-6679)</td><td>1</td><td>I132793</td><td>7.2 M</td><td></td></pipa(<>	010A11XS>	≻ (L-6679)	1	I132793	7.2 M	
BOLTS 6 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 5/8 I53437418 8	5 SPIRAL V			ΓΒΕ 304/GR	AFOIL CARBON STEEL SS 304	1	I63508951	2	
	BOLTS 6 STUD BO	DLTS&NUTS ASME B18	.31.2/ B18.2.2 A19		-2H INCH SIZE 101OB0301	5/8	153437418	8	
DIDE MATERIAL NOTES, L. FOR FINANCIA DE LA CONTRACTION DEL CONTRACTION DEL CONTRACTION DE LA CONTRACTI	DIDEMATERY		NOTES						
PIPE MATERIAL CS HEAT TREATMENT (PWHT) 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-45-000-2-00-80212. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.	CS	IENT (PWHT)	2. FOR 3. WEI 4. PAII	R VENT, DRAIN LDING ACCOUNTING ACCOUNTING	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160.				
CS 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L45-000-2-00-80021. 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" PAINTING SCHEME (3)	CS HEAT TREATM	IENT (PWHT) N	2. FOR 3. WEI 4. PAII 5. COD	R VENT, DRAIN LDING ACCOR INTING ACCOR DE SHOWN IN	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPS	SOL UNICODE	:. " <n a="">" MEANS </n>		/AILABLE*
CS #EAT TREATMENT (PWHT) PAINTING SCHEME (3) PIPING CLASS 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CS HEAT TREATM PAINTING SC	N HEME (3) 1	2. FOR 3. WEI 4. PAII 5. COD	R VENT, DRAIN LDING ACCOR INTING ACCOR DE SHOWN IN OR:	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPS CONTRACTOR DRAWIN	SOL UNICODE	BER: P	PROJECT:	
CS #EAT TREATMENT (PWHT) PAINTING SCHEME (3) PIPING CLASS Tecnimont 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L45-000-2-00-80021. 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" PROJECT: 4274-XH-DL-2121VA40U09-3 4001008 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL)	CS HEAT TREATM PAINTING SC PIPING CLASS	N HEME (3) 1 S 1E18 ASS (4)	2. FOR 3. WEI 4. PAII 5. COD CONTRACTO	R VENT, DRAIN LLDING ACCOR INTING ACCOR DE SHOWN IN IN OR:	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPS CONTRACTOR DRAWIN 4274-XH-DL-2121V	NG NUM	BER: P	PROJECT: 400100	08
2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<\NA>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4274-XH-DL-2121VA40U09-3 4001008	CS HEAT TREATM PAINTING SC PIPING CLASS WELDING CL	N THEME (3) 1 S 1E18 ASS (4) A-7	2. FOR 3. WEI 4. PAII 5. COD CONTRACTO Tect	R VENT, DRAIP LDING ACCOR INTING ACCOR DE SHOWN IN I OR: INTIMONT W LINE AND I	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REPS CONTRACTOR DRAWIN 4274-XH-DL-2121V AL DENSITY POLYE POLYPROPYLENE (P	NG NUM A40U0 THILE P) PLA	BER: P 9-3 NE (PEL) NTS	PROJECT: 400100 CLIENT / CC REPSOL POLY)8 DMPLE

	R THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL 🔼 , ONE WELD FO							1
4) FO	R EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.							
5) GU	SSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-	2-00-80004 / 4274-3	KH-SG-00000002.					1
6) CR	OSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.							1
7) IN	CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICA	ABLE, DATA SHO	WN IN LINE LIST	GOVERN.				1
8) AC	TUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SU	BCONTRACTOR (REF.TO 4274-LZ-I	PC-00000603).				1
	IERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM				OW-00000002 AND	ASSEMBLY NO) FEA005 AND FE019	G:
-,	ELECTRICATION OF THE PROPERTY	T Bridge on Box	2. 12 1 000 7 00 0	,,02 12,1 11111	3 11 000000002 TE 1D	THOUSENING THE	TEROOF IN DIED I	Sign
	ORTS LEGEND: IDENOTES PARTS LIST NO PIPE	G SUPPORT G=	GUIDE F = AXIA	L STOP B	= ANCHOR M = S	SPRING S=T	EFLON PAD	
SUPP	ORTS LEGEND: UDENOTES PARTS LIST NO SUPPORT — WHEREAWITH	OUT NUMBERING I	IS INDICATED, THIS	S MEANS THAT T	HERE IS A REST DIE	RECTLY ON STEE	L STRUCTURE.	
SUPP	ORTS LEGEND: SUPPORT — WHEREAWITH	OUT NUMBERING I	IS INDICATED, THIS	S MEANS THAT T	HERE IS A REST DI	RECTLY ON STEE		
SUPP	ORTS LEGEND: SUPPORT — WHEREAWITH	OUT NUMBERING I	IS INDICATED, THIS	S MEANS THAT T	HERE IS A REST DII	RECTLY ON STEE	L STRUCTURE. STRESS CALC. N°	TITLE
SUPP	ORTS LEGEND: WHEREAWITH	OUT NUMBERING I	IS INDICATED, THIS	S MEANS THAT T	THERE IS A REST DII	RECTLY ON STEE		TITLE
SUPP	ORIS LEGEND: WHEREAWITH	OUT NUMBERING I	S INDICATED, THIS	S MEANS THAT T	HERE IS A REST DII	RECTLY ON STEE	STRESS CALC. Nº	
	WHEREAWITH					RECTLY ON STEE	STRESS CALC. Nº - P & ID	
01	SUPPORT — WHERE A WITH	OUT NUMBERING I	S INDICATED, THIS	P.VAZE	G.PAGANONI	RECTLY ON STEE	STRESS CALC. Nº	
01	ISSUED FOR REFERENCE	09-FEB-24	M.YADAV	P.VAZE	G.PAGANONI	RECTLY ON STEE	STRESS CALC. Nº - P & ID	TITLE
	WHEREAWITH					RECTLY ON STEE	STRESS CALC. N° - P & ID 19-A-19-000-1-01-00001 sheet 49	

DRW. BY

CHECK BY

APPR. BY

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

DESCRIPTION

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

ISSUED FOR

SOMETRIC DRAWING LINE

1"-VA-40U09-1E18

PIPE LAYOUT Nº

APPR CLIENT 19-L-19-000-2-00-86197 sheet 6

FILENAME: 19-000-2-02-00001 sheet 2121VA40U09-3.dwg