

PRICE STATE STAT			BILL OF MATERIAL				
1 PRE - ARISE RES MEST FORCOMOZIES SAS - GPREMORATISS - L. 66-99 12 122777 0.1 M	NO COMPONENT DESCRIPTION	N <u>.</u>			EM CODE	QTY.	
REDICONS THE ASSAE HALT 10000 A ARISS NOW 5 WE - RESPECTATION NEEDS 1 1651266 3 3 3 4 90 EDROW ASSET HALT 10000 A SINCE HALT 10000 A ARISE HALT 100000 A ARISE HALT 10000 A ARISE HALT 100000 A ARISE HALT 1000000 A ARISE HALT 10000000 A ARISE HALT 10000000 A ARISE HALT 10000000 A ARISE HALT 10000000 A ARISE HALT 100000000 A ARISE HALT 100000000 A ARISE HALT 10000000 A ARISE HAL	1 PIPE - A106-B PE SMLS T01AC0. 2 PIPE - A106-B PE SMLS T01AC0.		,				
1 90 ELDOW ASMEDIAL 1 2000 ALGON SWES WE - REJINCALIDO NECOD 1 1 1651296 3 SOFLANGERIAL (1-179) ELANGES S SWETANGER ASMEDIAS 3000 ALGON REFE SWE 125 - 250 AARH FROCECHERIOS S.XX 1 1 1217823 1 1 SWARAMORESINS - (1-275) SWETANGER ASMEDIAS 3000 ALGON REFE SWE 125 - 250 AARH FROCECHERIOS S.XX 12 19702189 1 1 SWARAMORESINS - (1-275) RINDRIF ARKS ASME BIAS 3000 ALGON REFE SWE 125 - 250 AARH FROCECHERIOS S.XX 12 19702189 1 1 SWARAMORESINS - (1-275) RINDRIF ARKS ASME BIAS 3000 ALGON REFE SWE 125 - 250 AARH FROCECHERIOS S.XX 12 19702189 1 1 SWARAMORESINS - (1-275) SWETANGER ASME BIAS 3000 ALGON REFE SWE 125 - 250 AARH FROCECHERIOS S.XX 12 19702189 1 1 SWARAMORESINS - (1-275) SWETANGER ASMEDIAS - (1-275) SWETANGE	3 REDUCING TEE ASME B16.11 30	000# A105N SWE SWE - R	R12FNC441101 NREQD	1X1/2	11651304	1	
S. SWE FLANCE AS AND BIRS 3000 AUGN REPE SWE 125 - 259 AARH FORCECHARIOS S.XS	4 90 ELBOW ASME B16.11 3000# A	A105N SWE SWE - R31FN	C441103 NREQD	1 1	11651296	3	
S. WITLANDEL ANDEL BASS 2000 A 105N REFE SWE 125 - 229 AARH FORCEGIBLOS S.XS	5 SW FLANGE ASME B16.5 300# A	.105N RFFE SWE 125 - 250) AARH F02CFC44B105 S-XS	1 1	14217823	1	
The indifference 1	6 SW FLANGE ASME B16.5 300# A	105N RFFE SWE 125 - 250) AARH F02CFC44B105 S-XS	1/2	19762189	1	
S. SIPICAL WOLND GASKET ASME BIG. 20 500 FRTHE DIGERATOL CARBON STEEL SS 304 1 1 1 1 1 1 1 1 1	7 BLIND FLANGE ASME B16.5 300)# A105N RFFE NREQD 12	25 - 250 AARH F10CFC44B005	1/2	11652374	1	
9 SPRIAL WOUND GASKET ASME 116-20 3000 RPTHE 304GRAFOIL CARBON STEEL SS 304 1/2 163508949 1 ASME BIG.5 G00FP1IS12 CAVA- (NA) BIGLTS 10 STUD BOLTSANUTS ASME BIS.31.2 BIS.22 A 193-B7/A194-2H INCH SIZE 101080301 5/8 153437418 4	8 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STI		GRAFOIL CARBON STEEL SS 304	1 1	163508951	1	
10 STID BOLTSRANTE ASME BIRS 12 FIRE 22 A 193-817A 194-29 INCH SIZE 1010B0301 5/8 153437190 4	9 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL		GRAFOIL CARBON STEEL SS 304	1/2	163508949	1	
II STUD BOLTSANUTS ASME BIAS 12 /BIAS 22 A193-877/4194-2H INCH SIZE 1010B0501 1/2 153437190 4 **SBZBS1G1/2212-2 NUTS PER BOLT- 65 mm Length VALVES/INSLIEBEMS 12 BALL V-FLT-SS-HB AH 608 3000 A216-WCB RFFE 316R-PTFE, GF B7/2H 125-250 1 164812612 1 AARH 789-FULL BORRE FLOATING BALL OHW TIGHT SHUT-OFF (TSO) ASME BI6.5 VIFIFC 29BZZH NREQD -NIA- (NIA) **NOTES: 1. FOR TECHNICAL DETAILS SHE LINE LIST: 2. FOR VISIT DEATH OF THE CONTROL OF THE SHE 45L-45-400-240-8800. **NOTES: 2. FOR VISIT, DEATH OF THE SHE ASSESSMENT OF THE CONTROL OF THE SHE 45L-45-400-240-8800. **NEEDING ACCORDING TO 45-45-400-40-8800. **PAINTING SCHEME (I) PAINTING SCHEME (I) PAINTING SCHEME (I) PROGCASS **LOW LINEAU DENSITY POLYETHILE DE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT: ALBA PROJECT REPPOR LATEGORY AND SPEC. DRAWING NUMBER **ELYCLUM PLANTS REPORT DENSITY POLYETHILE DE (PEL) REPORT AND SPEC. DRAWING NUMBER **ELYCLUM PLANTS REPORT DENSITY POLYETHILE DE (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) AND POLYPROPYLENE (PP) PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) AND POLYPROPYLENE (PP) PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) AND POLYPROPYLENE (PP) PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY POLYETHILE PER (PEL) SELECTION NUMBERS **ELYCLUM PLANTS REPORT DENSITY PART	10 STUD BOLTS&NUTS ASME B18		94-2H INCH SIZE 101OB0301	5/8	153437418	4	
PREMATERAL. CS HEAT TREATMENT (PWHT) PROGCLASS 1 CONTRACTOR: CONTRACTOR DAWNING NUMBER: PROJECT: 4274-XH-DL-2121ET40S04-3 AND POLYPROPYLENE (PP) PLANTS FOR PROJECT: AND POLYPROPYLENE (PP) PLANTS REPJOL DIAMETERS REPJOL DIAMETERS	11 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301		1/2	153437190	4		
PIPE MATERIAL CS HEAT TREATMENT (PWHT) N PAINTING SCHEME (3) PEPING CLASS WELDING GLASS (4) E PED CATEGORY AT 4.3 REPORT FOR PROJECT: ANNEX SPEC. DRAWING NUMBER REV. NOTES: 1. FOR THORNCAL DISTAILS SEE LINE LIST. 2. FOR VEST, DRAWO R INSTRILMENT CONNECTION DETAILS SEE 454.45 000 240-40102. 3. WELDING ACCORDING TO 454-45-000-400-40021. 4. FINITING ACCORDING TO 454-45-000-400-40021. 4. FINITING SCHEME (3) CONTRACTOR: CONTRACTOR CONTRACTOR DRAWING NUMBER: PROJECT: 4274-XH-DL-2121ET40S04-3 4001008 REPORT FOR PROJECT: AND POLYPROPYLENE (PP) PLANTS FOR PROJECT: AND POLYPROPYLENE (PP) PLANTS REPORT FOR PROJECT: A	VALVES / IN-LINE ITEMS 12 BALL V-FLT-SS-FB API 608 300#	A216-WCB RFFE 316/R-F		1 1	164812612	1	
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. 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-2121ET40S04-3 COLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL PRAWING NUMBER REV. REPSOL PRAWING NUMBER REV.							
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. 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-2121ET40S04-3 COLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL PRAWING NUMBER REV. REPSOL PRAWING NUMBER REV.	PIPE MATERIAL	NOTES: 1 FOR TECHNIC	AL DETAILS SEE LINE LIST				
PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4274-XH-DL-2121ET40S04-3 VELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT INSULATION CODE / THK. (mm) ANNEX SPEC. DRAWING NUMBER PROJECT: 4001008 CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV.	CS	 FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 					
PIPING CLASS 1E21 Tecnimont 4274-XH-DL-2121ET40S04-3 4001008 LOW LINEAL DENSITY POLYETHILENE (PEL) E AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT INSULATION CODE / THK. (mm) ANNEX SPEC. DRAWING NUMBER 4274-XH-DL-2121ET40S04-3 4001008 CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REV.	PAINTING SCHEME (3)						AILABLE".
WELDING CLASS (4) E PED CATEGORY Art 4.3 INSULATION CODE / THK. (mm) ANNEX SPEC. DRAWING NUMBER LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX REPSOL PRAWING NUMBER REV.	PIPING CLASS	Tecnimon	4274-XH-DL-2121E	T40S04-3		400100	8
INSULATION CODE / THK. (mm) ANNEX SPEC. DRAWING NUMBER REV.	WELDING CLASS (4) E PED CATEGORY	LOW LIN	EAL DENSITY POLYE POLYPROPYLENE (P	P) PLANTS	S	REPSOL POLYN	MEROS/
	INSULATION CODE / THK. (mm)	ANNEX SPEC	DRAWING NUMBER 19-000-2-02-00001 sl	heet 2121E7	Γ40S04-3		1

on Iso list of relevant CWA ISOMETRIC DRAWING LINE 1"-ET-40S04-1E21

19-L-19-000-2-00-86197 sheet 5