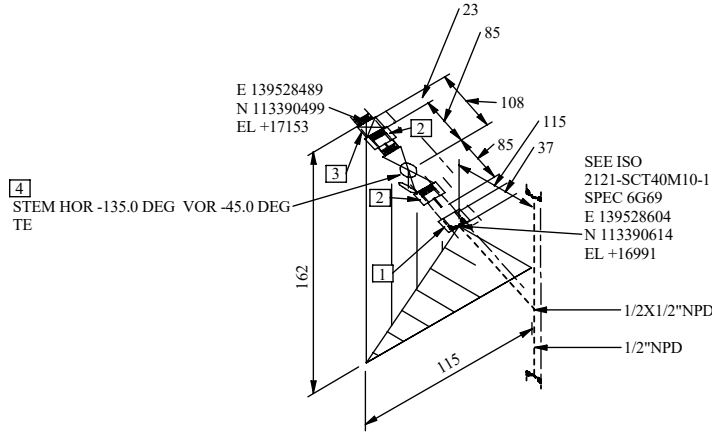
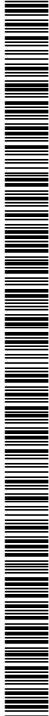






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EXTR. DATE: 06-09-2023 13:08:03

STREAM NO.:4527

REV. CAUSE ID:



| 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  , 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. | | | | | | |
| SUPPORTS LEGEND: | | | | | | |
|  DENOTES PARTS LIST NO | | PIPE SUPPORT  | | A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. | | |
| | | | | | | STRESS CALC. N° - |
| | | | | | | P & ID 19-A-19-000-1-01-00001 sheet 43 |
| 00 | ISSUED FOR REFERENCE | 08-SEP-23 | M.YADAV | P.VAZE | G.PAGANONI | LINE LIST N° 19-L-19-000-2-00-80602 |
| REV. | DESCRIPTION | DATE | DRW. BY | CHECK BY | APPR. BY | APPR. CLIENT 19-L-19-000-2-00-86197 sheet 5 |


ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

TITLE

ISOMETRIC DRAWING LINE

1/2"-SCT-40M10-6G69 (ET)

| BILL OF MATERIAL | | | | | | | | |
|-----------------------------|---|--|-----------|---|-------------|--|--|------|
| PT NO | COMPONENT DESCRIPTION | N.S. (IN) | ITEM CODE | QTY | HOLD STATUS | | | |
| FITTINGS | | | | | | | | |
| 1 | COMPR MALE CONNECT MFTR - A182-F316/316L DUAL GR FFRE MTE - R60AQL1M7W10 NREQD <N/A> (N/A) | 1/2 | I45425129 | 1 | | | | |
| 2 | COMPR MALE CONNECT MFTR - A182-F316/316L DUAL GR PE PE PORT CONNECTOR (SS-811-PC) OR EQUIVALENT R60AQL1MZZ26 NREQD <N/A> (N/A) | 1/2 | I67355609 | 2 | | | | |
| 3 | COMPR PLUG MFTR - A182-F316/316L DUAL GR FFRE NREQD - R68AQL1M7003 NREQD <N/A> (N/A) | 1/2 | I7062348 | 1 | | | | |
| VALVES / IN-LINE ITEMS | | | | | | | | |
| 4 | COMPR BALL VALVE MFTR 6000# A182-F316/316L DUAL GR FFRE FFRE 316-CARBON/GLASS REINFORCED PTFE TRUNNION-MOUNTED OHW V70AOL1M7739 NREQD <N/A> (N/A) | 1/2 | I65625050 | 1 | | | | |
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| | | | | | | | | |
| PIPE MATERIAL | | 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-45-000-2-00-80021. 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". | | | | | | |
| 316, dual grade | | | | | | | | |
| HEAT TREATMENT (PWHIT) | | | | | | | | |
| - | | | | | | | | |
| PAINTING SCHEME (3) | | CONTRACTOR: | | CONTRACTOR DRAWING NUMBER: | | PROJECT: | | |
| NR | | | | | | | | |
| PIPING CLASS | |  | | 4274-XH-DL-2121SCT40M10-2 | | 4001008 | | |
| 6G69 | | | | | | | | |
| WELDING CLASS (4) | | LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT | | | | | | |
| - | | | | | | | | |
| PED CATEGORY | |  | | CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX | | | | |
| Art 4.3 | | | | | | | | |
| INSULATION CODE / THK. (mm) | | ANNEX | | SPEC. | | DRAWING NUMBER | | REV. |
| ET 30 | | 19 | | L | | 19-000-2-02-00001 sheet 2121SCT40M10-2 | | 00 |