




| MK | QTY. | SIZE | RTG | TYPE | POSN. | DESIGNATION |
|-----|------|--------|------|---------|--------------------|----------------------------------|
| N1 | 1 | 4" | - | TRI-CLP | TOP HEAD | REMOVABLE VENT ASSEMBLY |
| N2A | 1 | 1 7/3" | - | TRI-CLP | TOP HEAD | REMOVABLE CIP ASSEMBLY A |
| N2B | 1 | 1 7/3" | - | TRI-CLP | TOP HEAD | REMOVABLE CIP ASSEMBLY B |
| N3 | 1 | 3 7/4" | - | TRI-CLP | TOP HEAD | REMOVABLE NO-FOAM INLET ASSEMBLY |
| N4 | 1 | 1 7/3" | - | TRI-CLP | TOP HEAD | REMOVABLE DIP TUBE ASSEMBLY |
| N5 | 1 | 3" | - | TRI-CLP | SHELL | SIDE INLET |
| N6 | 1 | 3" | - | TRI-CLP | SHELL | HIGH LEVEL SENSOR |
| N7 | 1 | 1" | - | TRI-CLP | SHELL | HIGH GAUGE PORT |
| N8 | 1 | 4" | - | TUBE | SHELL | REMOVABLE OVERFLOW ASSEMBLY |
| N9 | 1 | 1" | - | TRI-CLP | SHELL | LOW GAUGE PORT |
| N10 | 1 | 3" | - | TRI-CLP | SHELL | LOW LEVEL SENSOR |
| N11 | 1 | 24" | - | COLLAR | SHELL | MANWAY |
| N12 | 1 | 1/2" | - | FNPT | BTM HEAD | THERMOWELL |
| N13 | 1 | 3" | - | TRI-CLP | BTM HEAD | OUTLET |
| N14 | 2 | 1 1/4" | 150# | FLANGE | SHELL/ BTM HEAD | STEAM |

- GENERAL NOTES
- 1.
 2. QUANTITY REQ'D: 1(ONE)
 3. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
 4. WELDING SYMBOLS PER AWS A2.4 AND ASME SECTION IX.
 5. MATERIAL SUBSTITUTIONS ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL.
 6. ALL WELDING TO BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH APPROVED WPS/PQR.
 7. ALL PRESSURE BOUNDARY WELDS SHALL BE FULL PENETRATION (CJP) UNLESS OTHERWISE NOTED.
 8. CONTINUOUS WELDS REQUIRED UNLESS SPECIFICALLY NOTED AS INTERMITTENT.
 9. WELD SIZES SHOWN ARE MINIMUM REQUIRED.
 10. WELD SPATTER SHALL BE REMOVED; WELDS SHALL BE FREE OF CRACKS, POROSITY, AND UNDERCUT.
 11. CREVICES, SHARP CORNERS, AND DEAD LAGS ARE NOT PERMITTED IN PRODUCT-CONTACT AREAS.
 12. SHELL DIAMETERS AND CONE ANGLES SHOWN ARE NOMINAL AFTER FORMING.
 13. DISTORTION TO BE MINIMIZED DURING FABRICATION AND WELDING.
 14. ADDITIONAL NDE (PT, RT, ETC.) TO BE PERFORMED IF SPECIFIED BY CODE OR CLIENT.
 15. LIFTING, HANDLING, AND FABRICATION SUPPORTS SHALL NOT DAMAGE FINISHED SURFACES.

| NAMEPLATE | | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  | FORTIS INDUSTRIAL SOLUTIONS ONTARIO CANADA | |
| | JACKET | VESSEL |
| | MWAP | <input type="text" value="25 PSIG @ 1.0 GPM"/> <input type="text" value="ATM"/> |
| | MDMT | <input type="text" value="20.0 F @ 200 PSIG"/> <input type="text" value="20.0 F"/> |
| CAPACITY | <input type="text" value="1.750 U.S.G."/> | |
| YEAR BUILT | <input type="text" value="2024"/> <input type="text" value="2024"/> | |
| SERIAL NUMBER | <input type="text" value="V-221-4191"/> <input type="text" value="V-221-4191"/> | |
| C.R.N. | <input type="text"/> <input type="text"/> | |
| | <input type="text"/> <input type="text"/> | |

| DESIGN CODE: FORTIS STANDARD - NON-CODED VESSEL | |
|-------------------------------------------------|------------|
| DESIGN DATA | VALUE |
| M.A.W.T. | 212 F |
| M.A.W.P | 0 PSIG |
| DESIGN PRESSURE | - |
| DESIGN TEMPERATURE | - |
| M.D.M.T. @ M.A.W.P. | -20 F |
| CORROSION ALLOWANCE | 0" |
| JOINT EFFICIENCY | 0.75 |
| HYDROSTATIC TEST PRESSURE | N/A |
| PNEUMATIC TEST PRESSURE | N/A |
| IMPACT TESTING | N/A |
| DRY WEIGHT | 3,200 LBS |
| FILLED WEIGHT (S.G. = 1) | 18,000 LBS |

| MATERIAL | | |
|---------------------|------------|-------------|
| | GRADE | GRADE |
| PRODUCT CONTACT | T-316-SS | T-316-SS |
| NON-PRODUCT CONTACT | T-316-SS | T-316-SS |
| ELASTOMERS | EPDM | EPDM |
| FINISH | | |
| | INTERIOR | EXTERIOR |
| MATERIAL FINISH | #4 - 32 RA | #2B - 32 RA |
| WELD FINISH | #4 - 32 RA | #4 - 32 RA |
| STRUCTURAL ELEMENTS | GLASS BEAD | GLASS BEAD |
| TUBING ELEMENTS | #4 - 32 | #4 - 32 |

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------|----|
| 00 | 25DEC25 | ISSUED FOR FABRICATION | SC |
| No. | DATE | REVISION | BY |
| REVISION TABLE | | | |
|  | |  | |
| DESCRIPTION: | STANDARD PROCESS STORAGE TANK | | |
| CUSTOMER: | FORTIS INDUSTRIAL SOLUTIONS | | |
| PROJECT: | REFERENCE DRAWINGS | | |
| DRW.NO.: | FIS-014-101-R00 | | |
| JOB NO.: | INTERNAL | | |
| SCALE : 1:16 | PAGE: 1 OF 1 | DRN: AS | |
| REV.: 00 | DATE: 22DEC25 | CHKD: AD | |
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