



| MARK | REQ'D. | SIZE | RATING & TYPE | SERVICE | NECK O.D. | NECK SCH. | O.S. PROJECTION | I.S. | REINF. PAD SIZE | WELDING DETAIL NO. | A | B | C |
|------|--------|------|---------------|---------|-----------|-----------|-----------------|------|-----------------|--------------------|-------|---|---|
| N3 | 1 | 1/2" | 1500# NPT | DRAIN | - | - | - | - | - | W13 | 3/16" | - | - |
| N2 | 1 | 2" | 1500# NPT | OUTLET | - | - | - | - | - | W13 | 3/16" | - | - |
| N1 | 1 | 1" | 1500# NPT | INLET | - | - | - | - | - | W13 | 3/16" | - | - |

NOZZLE SCHEDULE & WELDING DETAILS

NOZZLE NOTES: 1) DRILL AND TAP 1/4" N.P.T. HOLE IN REINFORCING PADS. 2) INSIDE EDGES OF NOZZLE NECKS SHALL BE ROUNDED TO 1/8" RAD. OR HALF THE WALL THICKNESS IF LESS THAN 1/4". 3) GOUGE, GRIND OR CHIP INSIDE TO SOUND METAL BEFORE MAKING WELD "b". 4) NOZZLE PROJ. ARE FROM SHORT SIDE.

NAMEPLATE DATA

CERTIFIED BY

MANCHESTER-TANK

U W MAWP 250 PSI @120 F
 EXT. PRESS -- PSI @-- F
 RT-NO MDMT-20 F@250 PSI
 CAT# -- YR 2015
 CRN --
 SH GAL 7.7
 HD 2:1 SE --

TOTAL WEIGHT = 36 LBS.

| | | | |
|---|--|----------|---------|
| TOLERANCES (EXCEPT AS NOTED) | | | |
| FRACTIONAL | ± 1/8" | | |
| DECIMAL | ± 0.125" | | |
| ANGULAR | ± 1° | | |
| FABRICATION NOTES: | | | |
| 1. UNLESS NOTED OTHERWISE, ALL WELDS ARE TO BE 3/16" FILLET WELDS. | | | |
| 2. ALL FLANGE BOLT HOLES TO STRADDLE VESSEL CENTERLINES. | | | |
| 3. EACH CONNECTION TO BE TAGGED W/ ABBREVIATION SERVICE DESCRIPTION | | | |
| REV | DESCRIPTION | DATE | BY |
| B | CORRECTED N1 AND N3 SIZES IN NOZZLE SCHEDULE | 10/26/16 | SWK CAO |
| A | ISSUED FOR INFORMATION | 06/18/15 | MCH JEG |

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CUSTOMER
MANCHESTER TANK

TITLE
VERTICAL GAS SCRUBBER
10" OD x 1'-7 1/2" S/S @ 250 PSIG
ELEVATION & PLAN VIEW

| | | | | |
|--------|----------|--------|----------|----------|
| OWN BY | DATE | CHK BY | DATE | SCALE |
| MCH | 06/18/15 | JEG | 06/18/15 | AS NOTED |

DWG. NO. **301301-S** REV **B**