



V-100

VERTICAL 3 PHASE TEST SEPARATOR

SIZE: 30" O.D. x 10'-0" S/S
MAMP: 1440psi @ 100°F
MDMT: -20°F @ 1440psi
CRN FOR ALBERTA
INLET DEFLECTOR PLATE, 6" THK. 9lb/ft3 MISTEX
RADIOGRAPHY: RT-2
C.A.: 1/8"
FMHT
A/U - STAMPED
DWG NO.: 4358-1 Rev0

V-200

FUEL GAS SCRUBBER

SIZE: 6" x 36" S/S
MAMP: 285psi @ 100°F
MDMT: -20°F @ 285psi
C.A.: 1/8"
c/w H2S-D-200
ASME SECTION VIII, DIV 1
2013 EDITION
SOUR SERVICE

H-400

PROPANE HEATER

MAKE: CATADYNE - MK1124X24
MK2424-171211
SIZE: 24" x 24" 24,000BTU/HR
12V PREHEAT ELEMENTS, CSA APPROVED,
11"wc LP GAS THERMOCOUPLE &
MERTIK SSOV, AC-R-R-2511 REG
c/w ASSEMBLED GAS TRAIN, 30' CABLES,
HOOD VENT, PROTECTION GRILL

P-300

CHEMICAL INJECTION PUMP

MAKE: CARON CONTROLS
LINC 2550 PUMP w/ ECONOMIZER & STAND
MODEL: CC-LINC2550-ECON-PK
8.7 LITERS/HOUR MAX
2200psi MAX DISCHARGE PRESSURE
90psi SUPPLY PRESSURE
3/8" CERAMIC PLUNGER
1/2" NPT SECTION, 1/2" NPT DISCHARGE &
INSTRUMENT SUPPLY

TK-300

METHANOL TANK

MAKE: CLEMNER
SIZE: 5000gal DUAL WALL
1" FNPT CONNECTIONS
3" CAP c/w VENT
MOUNTED ON STAND
SITE GLASS MOUNTED ON THE INSIDE
OF THE BUILDING

BILL OF MATERIALS

Table with columns: TAG, QTY, MAKE, DESCRIPTION. Lists various equipment items like PSV-100, PSV-200, PSV-300, LSHH-100, PSHH-100, PC-100, PCV-200, PRV-203, PRV-204, PRV-205, PRV-206, PRV-201, PRV-202, LCV-100, LC-100, FE-100, FCC-100, TM-100, FW-100, FQI-100, PI-100, PI-101, PI-102, PI-200, PI-201, PI-202, TI-100, LG-100, LG-300, SV-100, ESDV-100, ESDV-101.

- GENERAL NOTES:
1. QUANTITIES IN B.O.M. ARE FOR (1) UNIT.
2. ALL PIPING TO BE IN ACCORDANCE WITH THE LATEST EDITION OF ASME B31.3 PRESSURE PIPING CODE.
3. VESSEL TO BE FABRICATED TO THE LATEST EDITION OF ASME SECTION VIII, DIVISION 1 PRESSURE VESSELS.
4. THREADED PIPING SPEC:
2" = SCH 160
1 1/2" - 1 1/2" = SCH 160 (min)
2" = SCH 160 (min)
3" - 24" = SCH 80 (min)
5. ALL FORGED STEEL FITTINGS TO BE: SA-105N, 3000# (min) RATING.
6. TUBING SPEC:
1/2" - 3/8" = 0.035" (min) ASTM A269 TP316/316L SMLS, FULLY ANNEALED
3/8" = 0.049" (min) ASTM A269 TP316/316L SMLS, FULLY ANNEALED
7. ALL TUBING FITTINGS: ASTM A182 F316/316L SWAGelok
8. PROTECT ALL OPENINGS FOR SHIPMENT.
9. BOLTING TO BE SA-193-87M STUDS w/ SA-194-2HM NUTS c/w 316SS FLEXITALLIC GASKET.
10. BUILDING SIZE: 12'-0" LG x 8'-0" WIDE.
11. PACKAGE IS HYDRO TESTED @ 1.5 TIMES MAMP FOR 1/2 HOUR AT ROOM TEMPERATURE
12. PUMP INSTALLED ON PUMP TABLE. ADD SECOND PUMP BASE ON DUAL PUMP STAND FOR FUTURE PUMP INSTALL.
13. INSTRUMENTS TO BE VENTED TO ATMOSPHERE.
14. 2" POLYURETHANE SPRAY FOAM ON UNDERSIDE OF SKID
15. OPEN ORIFICE CHANGER AND DRAIN AFTER HYDRO.
16. DRILL & TAP PC-100 BONNET AND VENT 6" HIGH ON TANK SIDE.
17. PC-100 OUTPUT SIGNALS TO BE LOCATED 10" FROM RIGHT SIDE OF INLET (VIEWING FROM I/S OF BUILDING).

VALVE LIST

Table with columns: VALVE NUMBER, QTY, MANUFACTURER, DESCRIPTION. Lists valves like 3"BA1D1S, 2"BAF1D1S, 2"BAF4M1S, 1"BAF4M1S, 3/4"BAF4M1S, 1/2"BAF4M1S, 1-1/2"BA4M1S, 1"BA4M1S, 1/2"BA4M1S, 1/4"BA4M1S, 1/2"NE4P1S, 1/4"NE4P1S, 1/4"NE4P1, 2"C4H1S, 1"C4H1S, 1/2"C4N1S, 2"C4I1S, 2"G4LH1S, 1"G4LH1S.

VALVE LEGEND

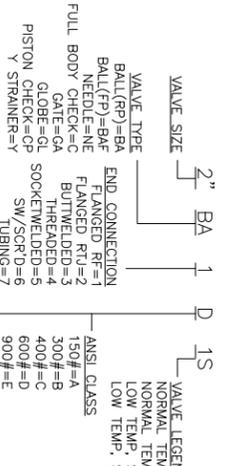


Table with columns: REV, ISSUED FOR CONSTRUCTION, REVISION, BY, APPR, d/m/y. Shows revision 0 issued for construction on 15/09/15.

Evolution PRODUCTION EQUIPMENT logo and contact information: info@evolutionequipment.com, www.evolutionequipment.com. Includes a table with job #, sheet no., drawing no., and rev. no.