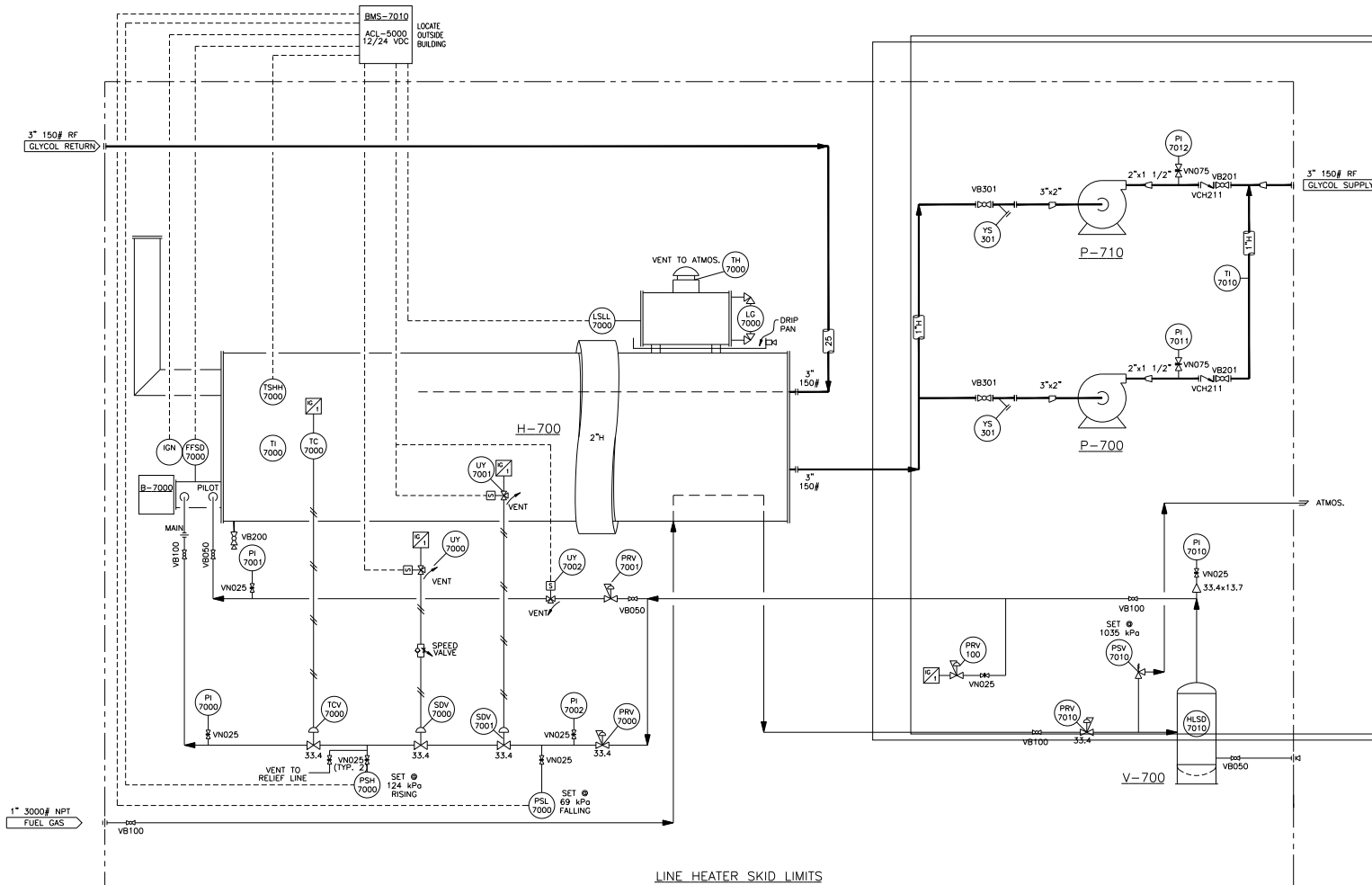


V-700
FUEL GAS SCRUBBER
SIZE: 219 mm OD x 610 mm S/S
DESIGN PRESSURE: 1965 kPa(g) @ 38°C

P-700/710
HEAT MEDIUM PUMP
EAGLE MODEL V200S-2 x 1 1/2" x 6
C/W 7.5 HP, 3PH, 60HZ, 230/460V
EXPLOSION PROOF MOTOR W/ 120V
SPACE HEATER

H-700
UTILITY HEATER
CAPACITY: 1.5 MM BTU/HR
FILL VOLUME: 1520 US GALLONS



LIST OF MATERIALS

ITEM	QTY	BRAND	DESCRIPTION
UY-7000	1	ASCO	SOLENOID VALVE, EF8314C301-24V LOW WATT, UNIVERSAL OPERATION (150 PSI MAX)
UY-7001	1	ASCO	SOLENOID VALVE, EF8314C301-24V LOW WATT, UNIVERSAL OPERATION (150 PSI MAX)
UY-7002	1	ASCO	SOLENOID VALVE, EF8314C301-24V LOW WATT, UNIVERSAL OPERATION (150 PSI MAX)
LSL-7000	1	SOR	ELECTRIC LEVEL SWITCH, 2" NPT 1510B-G2A-C-W9-ES-CS, STD 316 SS FLOAT
LG-7000	1	DANIEL	TUBULAR LEVEL GAUGE, 5/8" DIA, REDLINE GLASS 27" C/C, C/W 1CT GAUGE COCKS
TCV-7000	1	KIMRAY	TEMPERATURE CONTROL VALVE, 1" NPT 130-SMT-DAL, DUCTILE IRON BODY, FAIL CLOSED
SDV-7000	1	KIMRAY	TEMPERATURE CONTROL VALVE, 1" NPT 130-SMT-DAL, DUCTILE IRON BODY, FAIL CLOSED
SDV-7001	1	KIMRAY	TEMPERATURE CONTROL VALVE, 1" NPT 130-SMT-DAL, DUCTILE IRON BODY, FAIL CLOSED
TC-7000	1	KIMRAY	TEMP CONTROLLER, HT-12 BASE ASSEMBLY C/W 3/4" NPT x 12" LONG C.S. THERMOWELL
TSHH-7000	1	CCS	TEMP SWITCH, 6900TE16 C/W 3/4" NPT x 4.5" LONG 316SS THERMOWELL
B-7000	1	WENCO	BURNER / ARRESTOR ASSEMBLY, 1.5 MM BTU/HR, 2 PIECE
TH-7000	1	WENCO	THEFT HATCH, TH-8, 8 OUNCE PRESSURE SPRING
BMS-7000	1	ACL	BURNER MANAGEMENT SYSTEM, ACL-5000 12/24VDC SUPPLY C/W IGNITION MODULE
FFSD-7000	1	ACL	FLAME ROD ASSEMBLY
TI-7010	1	TREND	TEMP GAUGE, 3" x 6" LG, 0 TO 250 DEG F DUAL SCALE /W 1/2" x 3/4" x 3" 304SS TW
TI-7000	1	TREND	TEMP GAUGE, 3" x 6" LG, 0 TO 300 DEG F DUAL SCALE /W 1/2" x 3/4" x 3" 304SS TW
PI-7000	1	WIKA	PRESS. GAUGE, 2 1/2" DIAL, 0-30 PSIG DUAL SCALE, LIQUID FILLED, SS CASE & TUBE
PI-7001	1	WIKA	PRESS. GAUGE, 2 1/2" DIAL, 0-30 PSIG DUAL SCALE, LIQUID FILLED, SS CASE & TUBE
PI-7002	1	WIKA	PRESS. GAUGE, 2 1/2" DIAL, 0-30 PSIG DUAL SCALE, LIQUID FILLED, SS CASE & TUBE
PI-7010	1	WIKA	PRESS. GAUGE, 2 1/2" DIAL, 0-160 PSIG DUAL SCALE, LIQUID FILLED, SS CASE & TUBE
PI-7011/12	2	WIKA	PRESS. GAUGE, 4" DIAL, 0-100 PSIG DUAL SCALE, LIQUID FILLED, SS CASE & TUBE
PRV-7000	1	FISHER	REGULATOR, 1" NPT 627, IRON BODY, 1/4" ORIFICE, 5-20 PSIG RANGE, STD TRIM
PRV-7010	1	FISHER	REGULATOR, 1" NPT 627, STEEL BODY, 1/8" ORIFICE, 70-150 PSIG RANGE, STD TRIM
PSH-7000	1	CCS	PRESSURE SWITCH, MODEL 6900CE12 SET @ 18 PSIG RISING, NEMA 4, STD TRIM
PSL-7000	1	CCS	PRESSURE SWITCH, MODEL 6900CE12 SET @ 10 PSIG FALLING, NEMA 4, STD TRIM
PSV-7010	1	WELLMARK	RELIEF VALVE, 1" x 1" NPT, W9501-RS-200 SET @ 150 PSIG, STD TRIM
HLSD-7010	1	LOTECH	FUEL GAS HIGH LEVEL SHUT OFF, 2" NPT
PRV-7010	1	BELLOFRAM	REGULATOR, 1/4" NPT, TYPE 50, 5-35 PSIG RANGE, STD TRIM
PRV-100	1	BELLOFRAM	REGULATOR, 1/4" NPT, TYPE 50, 5-35 PSIG RANGE, STD TRIM
P-700/710	2	EAGLE	GLYCOL PUMP 1 1/2" x 3" - 6, C/W 7.5 HP 460V 3PH/60HZ 3500 RPM, EXP. MOTOR
YS-301	2	COLTON	Y-STRAINER, 3" 150# NPT, STD TRIM, STEEL BODY

VALVE LIST

ITEM	QTY	BRAND	DESCRIPTION
VB100	4	MERIDIAN	BALL VALVE, 1" NPT 2000#, STD TRIM
VB050	3	MERIDIAN	BALL VALVE, 1/2" NPT 2000#, STD TRIM
VB200	1	MERIDIAN	BALL VALVE, 2" NPT 2000#, STD TRIM
VB301	2	TK	BALL VALVE, 3" 150#, RF REG. PORT, STD TRIM
VB201	2	TK	BALL VALVE, 2" 150#, RF REG. PORT, STD TRIM
VCV211	2	WHEATLEY	SWING CHECK VALVE, 2" 150#, RF FULL PORT, STD TRIM
VN025	8	CENTURY	NEEDLE VALVE, 1/4" F x 1/4" F, CM2-B-F22T-B-V, CARBON STEEL BODY
VN075	2	CENTURY	NEEDLE VALVE, 3/4" M x 1/2" F, CM2-B-M64T-B-V, CARBON STEEL BODY

NOTES:

SKID:

- 5'-0" x 30'-9 1/2", MADE FROM W12" @ 26# BEAM
- 1/4" CHECKER PLATE FLOORING
- (4) LIFT LUGS
- 2" FOAM INSULATION

ENCLOSURE:

- 5'-0" x 8'-6" x 7'-0" EAVE, 1/12 SHED ROOF
- 24 GA. PREPAINTED STEEL SAPHIRE BLUE EXTERIOR
- FOAM PANEL CONSTRUCTION
- (2) 3'-0" x 6'-0" DOORS ON EACH SIDE C/W LOCKING DROP BOLTS
- (1) 12" x 12" STAMPED ALUMINUM LOUVER WITH SLIDING CLOSER
- (1) REMOVABLE ROOF SECTION FOR SERVICE ACCESS

PIPING:

- ALL BUTTWELD PIPING IS SCH 40
- 1 1/2" & SMALLER, NPT PIPING IS SCH 80
- WITH 3000# A-105 NPT FITTINGS
- HYDRO-TESTED TO 1.5 X DESIGN PRESSURE
- 10% RADIOGRAPHY

PAINT:

- STRUCTURAL
- COMMERCIAL SANDBLAST
- (1) S/C DEVGUARD 4160 PRIMER, 2-3 MILS DFT
- (1) S/C DEVGUARD 4308 GREY ALKID ENAMEL 2-3 MILS DFT
- INSULATED PIPING AND VESSEL
- NEAR WHITE SANDBLAST
- (1) S/C DEVRAN 224 HS EPOXY, 6-8 MILS DFT

TUBE / TUBE FITTINGS:

- 3/8" x 0.035" WALL 316SS TUBING, S.S. SWAGelok TUBE FITTINGS WITH SS FERRULES, UNLESS NOTED OTHERWISE

INSULATION:

- 2" MINERAL WOOL W/ 0.020" SMOOTH ALUMINUM CLADDING ON HEATER SHELL
- 1" PREFORMED FIBERGLASS W/ 0.020" SMOOTH ALUMINUM CLADDING ON PIPING

(2) UNITS REQ'D

NO	REVISION	DATE	DRN	APP'D	DATE
1	REVISE TAG NO'S, ISSUE FOR CONSTRUCTION	Aug. 20'04		DRL	Aug. 20'04
0	ISSUED FOR APPROVAL	Aug. 03/04			

REVISIONS

MOSS FABRICATION LTD.

CALGARY e-mail: mossfab@cadvision.com ALBERTA

TITLE	DATE	SCALE	PROJ. ENG'R	CLIENT INFO	REV
WILDHAY & CECILIA UTILITY HEAT MEDIUM PACKAGES PROCESS & INSTRUMENTATION DIAGRAM	Aug. 03/04	NTS	DRL	ANADARMO CANADA CORP. TUNDRA ENGINEERING INC.	1
3544				F3544-1	