

BILL OF MATERIALS

TAG	QTY.	MAKE	DESCRIPTION
LC-1001/1002	2	FISHER	2" NPT MODEL L2 LIQUID CONTROLLER, NACE SERVICE SNAP ACTING CONTROL, DIRECT ACTING INSTRUMENT SIGNAL
LCV-1001/1002	2	FISHER	D2 LIQUID CONTROL VALVE, 1" NPT 3-15 PSIG RANGE, FAIL CLOSED, FIELD ADJUSTABLE TRIM SIZE FROM 1/4" TO 1/2" AIR TO OPEN, NACE SERVICE
LG-1002	1	QUALITY	IRMS REFLEX (1500 PSIG @ 100°F) MOUNTED IN LIQUID/GAS INTERFACE STD. MODEL 330J GAUGE VALVE, 3/4" NPT
LG-1001	1	QUALITY	ITMS TRANSPARENT (1500 PSIG @ 100°F) MOUNTED IN LIQUID/GAS INTERFACE STD. MODEL 330J GAUGE VALVE, 3/4" NPT
FE-1001	1	DANIEL	DANIEL SENIOR METER RUN 3" 600# SCH80, STD. PROCESS TRIM, BUILT TO AGA FIG.3C. ONE (1) - 1" 3000# TDL AND ONE (1) 3/4" 3000# TDL DOWNSTREAM, STRAIGHTENING
PI-1001/1002	2	ELITE	ELITE PRESSURE GAUGE, LIQUID FILLED 4" DIA. FACE X 1/2" NPT BOTTOM MOUNT END CONNECTION, STD. SERVICE 0 - 1500 PSIG, DUAL SCALE
PSV-1001	1	MERCER	MERCER PRESSURE RELIEF VALVE, MODEL 9100, 1" NPT INLET X 1" NPT OUTLET STD SERVICE TRIM, WCB BODY, 1386 PSIG SET PRESSURE, MOUNTED ON VESSEL
TI-1001	1	MASTER	TEMPERATURE INDICATOR, 1/2" NPT BACK CONNECTION, 3" DIAL, 6" STEM, -20° - 160°F RANGE, DUAL SCALE, 1/2" FNPT X 3/4" MNPT X 6" 1/2" DIMENSION LENGTH 304 SST THERMOWELL
PRV-1004/1005/1006/1007/1008/	5	FISHER	MODEL 67CFR REGULATORS, 1/4" NPT 5-35 PSIG RANGE, STD. TRIM, 250 PSIG MAWP
PCV-1002	1	FISHER	1" NPT, 1/8" PORT, WCB STEEL BODY SST TRIM, ALUMINUM SPRING CASE, ADJUSTABLE OUTLET PRESSURE, STD. SERVICE SET @ 500 PSIG
PCV-1003	1	FISHER	1" NPT, 1/8" PORT, WCB STEEL BODY SST TRIM, ALUMINUM SPRING CASE, ADJUSTABLE OUTLET PRESSURE, STD. SERVICE SET @ 95 PSIG
PCV-1004	1	FISHER	1" NPT, 1/8" PORT, WCB STEEL BODY SST TRIM, ALUMINUM SPRING CASE, ADJUSTABLE OUTLET PRESSURE, STD. SERVICE SET @ 500 PSIG
PSV-1002	1	MERCER	MERCER PRESSURE RELIEF VALVE, MODEL 9100, 1" NPT INLET X 1" NPT OUTLET STD. SERVICE TRIM, WCB BODY, 150 PSIG SET PRESSURE, MOUNTED ON F.G.S.
PT-1003	1	ELITE	PRESSURE GAUGE, 2 1/2" DIA. FACE X 1/4" NPT END CONNECTION, 0-200 PSIG RANGE DUAL SCALE, MOUNTED ON F.G.S.
FQI-1001	1	PRIMARY FLOW-	TM 0100 IN LINE TURBINE, 1" MNPT X 1" MNPT, 1500 PSIG MAWP C/W WORKHORSE F012-P TOTALIZER
LSHH-1001	1	SDR	MODEL 1510 HIGH LEVEL SWITCH, 2" NPT STD. PROCESS, CSA, CLASS 1 ZONE1, XP, 24VDC
PSHL/PSHH-1001	1	CVS	7970 HI/LO PLOTT PRESSURE SWITCH ADJUSTABLE RANGE OF 10 TO 10,000 PSI PROCESS PRESSURE. INLETS: 1/2" M, AND 1/8" FNPT, CONTROL PORTS 1/4" FNPT
UY-1001	1	ASCO	SOLENOID VALVE, 3 PORT STD. SERVICE, 12 VDC, XP, MODEL EF8314G301-12V 100 PSIG MAWP, LDV POWER

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TAG	QTY.	MAKE	DESCRIPTION
DPR-1001	1	BARTON REMANU.	MODEL 202E 3 PEN RECORDER, STD. PRESSURE BOUNDARY, 0-100"W.C. DIFFERENTIAL PRESSURE, 0-1500 PSIG STATIC ELEMENT, DISPOSABLE PENS C/W BATTERY CLOCK AND (1) ONE 5 VALVE C.S. STD SERVICE
DPT-1001	1	ROSEMOUNT	DIFF. PRESSURE TRANSMITTER XTRM: 3051CD2A22A1AM5B4C6 4-20 mA/ mA RT OUTPUT
BPCV-1001	1	FISHER	D4 CONTROL VALVE, 2" 600# RF LCC 316-A6, 3/4" TRIM, C/W SIZE 40 ACTUATOR, STD. FAIL CLOSE
PC-1001	1	FISHER	4150KR PRESSURE CONTROLLER 0-1500 PSIG, 316 SST BOURNION TUBE, 30-6 PSIG OUTPUT, REVERSE ACTING
LSHH-1002	1	WELLMARK	ST-2P 2" NPT STD. PROCESS DIRECT SNAP, RISING LEVEL DECREASES OUTPUT SIGNAL, PNEUMATIC, 14" EXTENDED FLOAT ARM
PI-1004/1005	1	ELITE	PRESSURE GAUGE, 2 1/2" DIA. FACE X 1/4" NPT END CONNECTION, 0-60 PSIG RANGE DUAL SCALE, MOUNTED ON F.G.S.
PSV-1003	1	SWAGelok	SS-4R3A5 INSTRUMENT RELIEF VALVE 1/4" MNPT INLET X 1/4" FNPT OUTLET 2220 PSI SET PRESSURE

3"GA4M1	1	NAVCO	3" NPT CLIP GATE. LOAD DUT
1"BA4M1	13	MERIDIAN	1" NPT 2000# REG. PORT BALL VALVES
1/2"BA4M1	9	MERIDIAN	1/2" NPT 2000# REG. PORT BALL VALVES
3/4"BA4M1	6	MERIDIAN	3/4" NPT 2000# REG. PORT BALL VALVES
1/2"NE4P1	6	CENTURY	1/2" NPT 6000# C.S. CENTURY NEEDLE VALVES
1/4"NE4P1	2	CENTURY	1/4" NPT 6000# C.S. CENTURY NEEDLE VALVES
1/4"BA4M1	7	MERIDIAN	1/4" NPT 2000# REG. PORT BALL VALVES
1"C4M1	4	WHEATLEY	1" NPT 3000# WHEATLEY CHECK VALVE
1"Y4M1	1	AB.Y STR.	1" NPT 3000# ALBERTA Y-STRAINER

LG-1004/1005
RATE GAUGE
PLANSMAN MODEL 5700
4' 0" LONG

V-100
3-PH. VERT. SEPARATOR
SIZE: 20" OD x 7'-6" S/S
DESIGN PRESS.: 1480 PSIG @ 100°F
CORROSION ALLOWANCE: 1/16"
X-RAY: RT-2
MDMT: -20°F

V-110
FUEL GAS SCRUBBER
6" x 36" SM/SM
250 PSIG, 1/16" C.A.
C/W LSHH

BH-101
BUILDING HEATER
MAKE: CATADYNE/ NAT GAS
48,000 BTU / HR C/W 30 DEG. F
12 VDC START W/ 30" CABLES, GRILL,
SAFETY SHUT-OFF, REGULATOR, VENT HOOD,
MERTIK COMBINATION GAS CONTROL VALVE
MAXITROL SAFETY SHUTOFF

P-101
BRUIN 5100 CHEMICAL INJECTION PUMPS
MODEL# BR5113P-2511
30 GALLON/DAY MAXIMUM
6000 PSIG MAX. DISCHARGE PRESSURE
10 TO 35 PSIG SUPPLY PRESSURE
3/8" DIA. PLUNGER
1/4" NPT SUCTION, DISCHARGE & INST. SUPPLY
BUNA HARD PACKING

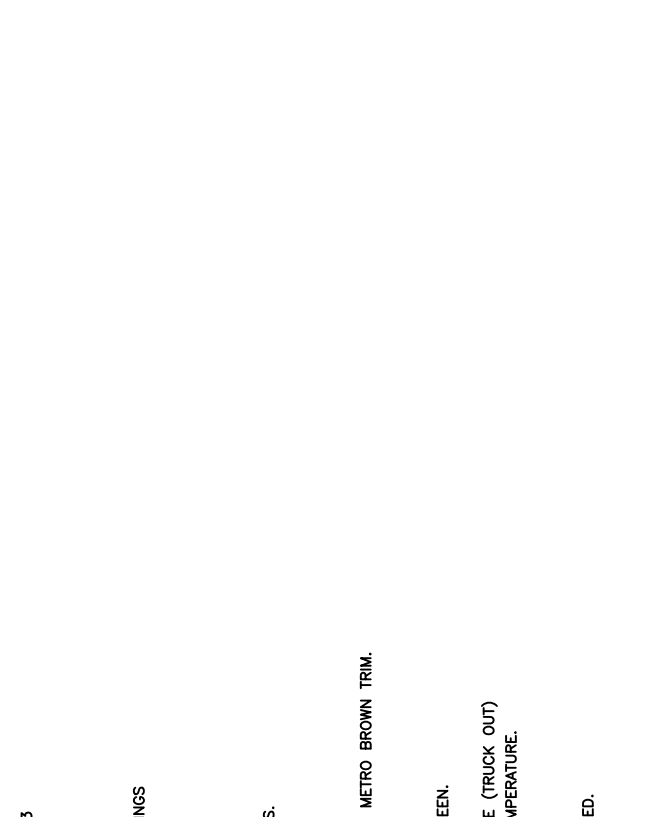
TK-101
WESTEEL DUAL WALLED CHEMICAL TANK
METHANOL
500 GALLON
1" FNPT CONNECTION ON OUTLET
3" CAP FOR FILL C/W VENT
MOUNTED ON STAND
4'-0" PLANSMAN SITE GLASSES MOUNTED ON THE OUTSIDE OF THE BUILDING

TK-102
ZCL DUAL WALLED FPR VERTICAL TANK
30 BBL
G-55 COMPLIANT, 6'0" DIAMETER X 7'4" HIGH
VISUAL LEAK GAUGE
10'0" LONG GROUND WIRE
LIFT LUGS

NOTES:

- QUANTITIES IN B.O.M. ARE FOR ONE (1) UNIT
- ALL PIPING TO BE IN ACCORDANCE WITH THE LATEST EDITION OF ANSI B31.3 PRESSURE PIPING CODE.
- VESSEL TO BE FABRICATED TO THE LATEST EDITION OF ASME SECTION VIII, DIVISION 1 PRESSURE VESSELS.
- THREADED PIPING TO BE: SA-106B SMLS, 1"-SCH.80 (min.); ALL FORGED STEEL FITTINGS TO BE: SA-105N, 3000# (min.) RATING.
- TUBING DETAILS: 3/8" 304 STAINLESS STEEL TUBING C/W CAD. PLATED FITTINGS AND CARBON STEEL FERRULES. (SWAGelok)
- PAINTING: PACKAGE TO BE CLEANED TO (SSPC-SP-3) 1st COAT PRIMER: DEVCO FAST DRY PRIMER, FINISH COAT: DEVCO GRAY ENAMEL, SKID FLOOR: ONE (1) COAT OF DEVCO GRAY ENAMEL.
- PROTECT ALL OPENINGS FOR SHIPMENT.
- BOLTING TO BE SA-193-B7 M STUDS WITH SA-194-2H NUTS C/W 304 S.S. FLEXITALLIC GASKETS.
- BUILDING: SIZE: 209" LG x 8'-0" WIDE. SELF FRAMING ROOF TYPE: SHED.
- WALL HEIGHTS: 7'-10" LOW EAVE TO 8'-4" HIGH EAVE. EXTERIOR: 22 GAUGE GALVANIZED, PRE PAINTED PANELS TO BE TAN C/W METRO BROWN TRIM. INTERIOR: 24 GAUGE WHITE FLUTED ALUMINUM
- DOORS: ONE (1) 3'-0"x7'-0" STEEL DOOR WITH PANIC HARDWARE. CHECK CHAIN, WEATHER-STRIP, I/W WINDOW, THRESHHOLD
- WINDOWS: (1) ONE 36" X 36" DOUBLE GLAZED SLIDING WINDOW C/W SCREEN. VENTILATION: TWO (2) 12" x12" Sq-ADJUSTABLE LOUVERS
- ACCESS PANEL: ONE (1) 14" X 14" C/W BARREL BOLT AND PIANO HINGE (TRUCK OUT)
- PACKAGE IS HYDRO TESTED AT 1.5 TIMES MAWP FOR 1/2 Hr. AT ROOM TEMPERATURE.
- PUMP INSTALLED ON PUMP TABLE C/W DRIP TRAY
- ELECTRICAL WIRING AND HYDRAULIC TANK NOT INCLUDED.
- ALL INSTRUMENT TUBING AND THREADED PIPING TO BE REAMED AND DEBURRED.

VALVE LEGEND



DATE	CLIENT	REV. NO.
26/07/07	COMPTON PETROLEUM CORP. C/O O'ROURKE ENGINEERING LTD.	EV-7143-F-001
DESIGNED BY R.L.	TITLE MECHANICAL FLOW DIAGRAM	
DRAWN BY RL	PROJECT NO. 1480 - 3 PHASE VERTICAL STOCK, SWEET SERVICE SEPARATOR PACKAGE	
CHECKED BY	JOB # EV-7143	REFERENCE NO. PNID
APPROVED BY	SHEET NO. 1 OF 1	DRAWING NO. EV-7143-F-001
SCALE N.T.S.		REV. NO. 1

NO.	ISSUED FOR CONSTRUCTION	REVISIONS	DWN	APPR.	DATE
1	ADD INSTRUMENT PSV	RL			06/09/07
0	ISSUED FOR CONSTRUCTION	RL			26/07/07

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