



**BILL OF MATERIAL**

ITEM	QTY.	DESCRIPTION	MODEL #	MANUFACT.
LC-16	1	2" NPT LEVEL CONTROLLER. DIRECT/SNAP ACTING, VERTICAL FLOAT, 6-30 psi OUTPUT	1001A	NORRISEAL
LCV-16	1	1" NPT CONTROL VALVE, FAIL CLOSED, 6-30 psi ACTUATOR PRESSURE, 0.5" SEAT	2275	NORRISEAL
LG-16	1	LEVEL GAUGE (REFLECTIVE)	91RM	DANIEL
PSV-16	1	1" x 1" NPT RELIEF VALVE. SET @ 9930 kPag	IS	WELLMARK
PC-100	1	PRESSURE CONTROLLER. 1500 psi BOURDON TUBE. REV. ACTING	4150	CVS
PCV-100	1	2"-600# RF. CONTROL VALVE, FAIL CLOSED, 6-30 psi ACTUATOR PRESSURE, 7/8" INNER VALVE, 10205 kPag SHUT-IN	2200-FMT-PO	KIMRAY
EY-100	1	1/4" NPT SOLENOID VALVE. 24 VDC.	EF8314G301	ASCO
PI-24/16	2	21.3 NPT BK.MOUNT x 114mm DIAL, LIQUID FILLED PRESSURE GAUGE, 1-14000 kPag (0-2000psig)		WGI
TI-16	1	21.3 NPT BK.MOUNT x 114mm DIAL, 1-50°C, c/w 26.7-NPT x 38 LONG T-304-SS TW.		WGI
TH-100	1	8" THIEF HATCH 32oz. PRESSURE / 0.4oz. VACUUM. SOUR		WENCO
LG-100/101	2	LEVEL GAUGE - SEALED PULLEY ASSEMBLY		AM-GAS
PSV-400	1	PRESSURE RELIEF VALVE. SET @ 9930 kPag	SS-4R3A5	NUPRO
PRV-300	1	1/4" NPT REGULATOR, NICKEL PLT BODY, 0-120 psi SPRING.	P39	BELLOFRAM
PI-120	1	1/2" NPT BOTTOM MOUNT x 114mm DIAL, LIQUID FILLED PRESSURE GAUGE, 1 - 1100 kPag.		WGI
HLSD-120	1	2" x 1" FUEL GAS SHUT-OFF.	FGSV-12	WENCO
PSV-120	1	1" x 1" RELIEF VALVE SET @ 1035 kPag.		WELLMARK
PRV-120	1	1"-NPT REGULATOR, STEEL BODY, 10205 kPag INLET PRES, 75-150 psig SPRING, Ø0.250" ORIFICE.	2002PR	WELLMARK
PRV	2	1/4"-NPT REGULATOR, 30# SPRING.	962-275-000	BELLOFRAM

VALVES			
QTY.	DESCRIPTION	MODEL#	MANUFACT.
2	3" - 150# RF. RP. BALL VALVE, LEVER OPERATED.	EB03-0F012FAI23TL	ENFLOW
1	2" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	C-1	NAVCO
3	2" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
1	1" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
6	1" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	C-1	NAVCO
7	1/2" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
6	1/4" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
1	1/4" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	C-1	NAVCO
1	1" - 800# NPT GLOBE VALVE		NAVCO
1	3" - 600# RF CHECK VALVE.		WHEATLEY
1	1" - 800# NPT PISTON CHECK VALVE.		NAVCO
1	1/2" - 800# NPT PISTON CHECK VALVE.		NAVCO
1	1/4" - 800# NPT LINE CHECK VALVE.		NAVCO
2	1/2" - 6000# NPT FxF, NEEDLE VALVE.	1414P	WGI
3	1/2" - 6000# NPT MxF, NEEDLE VALVE.	1434P	WGI
1	1/4" - 6000# NPT FxF, NEEDLE VALVE.	1612P	WGI

- V-16**  
SEPARATOR  
ø16" x 5' S/S  
C/A - 1.6mm  
10205 kPag MWP @  
-29°C(-20°F) - 38°C(100°F)
- V-24**  
SWEETENING TOWER  
ø24" x 12' S/S  
C.A. - 3.2mm  
10205 kPag MWP @  
-29°C(-20°F) - 38°C(100°F)  
SOUR SERVICE
- V-120**  
FUEL GAS SCRUBBER  
SWEET SERVICE  
ø6" x 30" S/S  
DP: 1035 kPag @  
-29°C(-20°F) - 38°C(100°F)
- TK-100**  
SPENT CHEMICAL  
RECOVERY TANK  
50 BBL CAPACITY
- TK-101**  
FRESH CHEMICAL  
STORAGE TANK  
50 BBL CAPACITY
- P-400**  
CHEMICAL PUMP  
BRUIN  
SERIES 5000  
c/w 1" PLUNGER
- RG-50**  
RATE GAUGE &  
LEVEL GAUGE.  
6 FT. LOUVRES & GAUGES.
- H-800**  
CATALYTIC HEATER  
24,000 BTU/HR  
NATURAL GAS ORIFICE  
AND CONTROLS  
12 VDC XP START
- H-810**  
CATALYTIC HEATER  
12,000 BTU/HR  
NATURAL GAS ORIFICE  
AND CONTROLS  
12 VDC XP START
- S-105**  
H2S SWEETENING VESSEL  
ø24" x 48" HT.  
MWP 35 kPag

**GENERAL NOTES: -**

- ALL TUBING TO BE STAINLESS STEEL WITH CAD. PLATED FITTINGS.
- VENT ALL INSTRUMENTS OUTSIDE OF BUILDINGS.
- VENT TO ABOVE TOP OF TANK(S). (TK-100 & TK-101).

REV.	DATE	DESCRIPTION	DRAWN	CHECK	DESIGN	APPR.
0	28-JAN-07	ISSUED FOR INFORMATION			CB	LM

**ULTRAFAB INDUSTRIES LTD.**

CLIENT: **Ultrafab Standard**

TITLE: **100 BBL DOUBLE WALL SPLIT TANK, c/w SWEETENING TOWER & SEPARATOR - P&ID**

SCALE: **N.T.S.** DRAWING No. **PD9-300 analyzer** DATE: **06-10-07** TIME: **08:29**

QUOTE REF: **N/A** FILE: **Projects/269-300/Drawings/9-300 analyzer**

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