



BILL OF MATERIAL		SWEET SERVICE		
ITEM	QTY.	DESCRIPTION	MODEL #	MANUFACT.
FE-100	1	2" - 600# RF JUNIOR METER RUN, BEVELED BOTH ENDS, SCH 80 BORE. AGA 2000 COMPLIANT		DANIEL
MVS-100	1	3-IN-1 FLOW TRANSMITTER. (SUPPLIED BY CUSTOMER) (5-VALVE SUPPLIED BY ULTRAFAB)	SMART ALEK	ZI
LC-16/16A	2	2" NPT LEVEL CONTROLLER. DIRECT/SNAP ACTING, VERTICAL FLOAT, 6-30 psi OUTPUT	1001A	NORRISEAL
LCV-16/16A	2	1" NPT CONTROL VALVE, FAIL CLOSED, 6-30 psi ACTUATOR PRESSURE, 0.5" SEAT	2275	NORRISEAL
LG-16A	1	LEVEL GAUGE (REFLECTIVE) c/w DANIEL GAUGE COCKS.	91RM	DANIEL
LG-16	1	LEVEL GAUGE (TRANSPARENT) c/w DANIEL GAUGE COCKS.	91TL	DANIEL
PSV-16	1	1"x1" NPT RELIEF VALVE. SET @ 1440 psig		WELLMARK
PI-16	1	1/2" NPT BOTTOM MOUNT x 114mm DIAL LIQUID FILLED PRESSURE GAUGE, 0-2000 psig		WGI
TI-16	1	1/2" NPT BK.MOUNT x 114mm DIAL, 1-50°C, c/w 26.7-NPT x 38 LONG T-304-SS TW.		WGI
PCV-16	1	2" - 1500# RTJ CONTROL VALVE. LCC SHORT BODY 14-30 psi FAIL CLOSED ACTUATOR. 3/4" SS TRIM.	SERIES 'D' 667-46 (ACT.)	CVS
PCV-100	1	2" - 600# RF 'D' SERIES CONTROL VALVE, 667-SIZE 45 ACTUATOR FAIL CLOSED, 6-30 PSI SUPPLY, 3/4" TRIM.	SERIES 'D' 667-45 (ACT.)	CVS
PSH-100	1	HI PRESSURE PILOT SWITCH. 1500# BOURDON TUBE	4660XD	FISHER
PC-16	1	PRESSURE CONTROLLER. REVERSE ACTING. 1500 psi BOURDON	4150	CVS
PC-100	1	PRESSURE CONTROLLER. REVERSE ACTING. 1500 psi BOURDON	4150	CVS
FQI-16	1	MCIII TOTALIZER SUPPLIED BY ZEDI	MCIII	NU FLO
FQM-16	1	1" X 1" TURBINE METER	TM0500	NU FLO
LSH-100	1	2" NPT LEVEL SWITCH. PNEUMATIC.	ST2TP	WELLMARK
TH-100	1	8" THIEF HATCH 16oz. PRESSURE / 0.4oz. VACUUM		WENCO
LG-100	1	LEVEL GAUGE - STANDARD PULLEY ASSEMBLY		
PI-110	1	1/2" NPT BOTTOM MOUNT x 114mm DIAL, LIQUID FILLED PRESSURE GAUGE, 1 - 2068 kPag.		WGI
HLSD-110	1	2" x 1" FUEL GAS SHUT-OFF.	FGSV-12	WENCO
PSV-110	1	1" x 1" RELIEF VALVE SET @ 150 psig	8200	TAYLOR
PRV-110	1	1"-NPT REGULATOR, STEEL BODY, 10205 kPag INLET PRES, 70-150 psi SPRING, #0.25" ORIFICE.	2002PR	WELLMARK
PRV	3	1/4"-NPT REGULATOR, 30# SPRING.	962-275-000	BELLOFRAM
MVS 100	1	ZEDI SMART ALEK		

VALVES			
QTY.	DESCRIPTION	MODEL#	MANUFACT.
1	3" - 150# RF. RP. BALL VALVE, LEVER OPERATED.	#803-0F012FA123TL	ENFLOW
1	2" - 600# RF RP. BALL VALVE, LEVER OPERATED.		NAVCO
1	2" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
10	1" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	C-1	NAVCO
1	1" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
7	1/2" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
2	1/2" - 2000# NPT FP. BALL VALVE, LEVER OPERATED. (FOR METER MANIFOLD)	G2	MA STEWART
6	1/4" - 2000# NPT RP. BALL VALVE, LEVER OPERATED.	H-1	NAVCO
1	2" - 600# RF GLOBE VALVE.		NAVCO
1	1" - 800# NPT GLOBE VALVE.		NAVCO
2	1" - 800# NPT PISTON CHECK VALVE.		NAVCO
1	1/2" - 800# NPT PISTON CHECK VALVE.		NAVCO
1	1/4" - 800# NPT LINE CHECK VALVE.		CVS
2	1/2" - 6000# NPT FxF, NEEDLE VALVE.	1614P	WGI
4	1/2" - 6000# NPT MxF, NEEDLE VALVE.	1634P	WGI
2	1/4" - 6000# NPT FxF, NEEDLE VALVE.	1612P	WGI

V-16
3 PHASE SEPARATOR
SWEET SERVICE
SIZE: 16" x 7'-6"
DP: 1480 psig

P-400/410
METHANOL PUMP
CVS 51-38-MV-8
c/w 3/8" PLUNGER

V-110
FUEL GAS SCRUBBER
SWEET SERVICE
SIZE: 6" x 30" S/S
DP: 150 psig

H-800
CATALYTIC HEATER
24,000 BTU/HR
NATURAL GAS ORIFICE
AND CONTROLS
12 VDC XP START

R.G.-50
6 FT. LOUVRES & GAUGES
RATE GAUGE
& LEVEL GAUGE

TK-425
METHANOL TANK
425 GALLONS

TK-100
DOUBLE WALLED
STORAGE TANK
100 BBL

GENERAL NOTES: -						
1.) TUBING, TO BE STAINLESS STEEL, WITH CAD. PLATED FITTINGS.						
2.) VENT TO ABOVE TOP OF TANK (TK-100)						
3.) CUSTOMER SUPPLIED(MVS 100,FQI 16)						
0	04-MAR-08	ISSUED FOR APPROVAL	OP	ER		
REV.	DATE	DESCRIPTION	DRAWN	CHECK	DESIGN	APPR.

ULTRAFAB INDUSTRIES LTD.

CLIENT: **YOHU RESOURCES**

TITLE: **100 BBL DOUBLE WALL TANK c/w 16" x 7'-6" 3 PHASE SEPARATOR - P&ID**

SCALE: **N.T.S.** DRAWING No. **PD83-011** DATE: **04-03-08** TIME: **10:53**

QUOTE REF: - FILE: - *Projects 2008/Quote Drawings/Yoho/PD83-011*

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