



ITEM	QTY.	CODE No.	DESCRIPTION
001	6		BALL VALVE, 1" NPT WKM B136-CS-02-CS-HL
007	1		LEVEL INDICATOR, JERGUSON 48-R-20 c/w (2) 148 VALVES.
008	1		SUCTION SCREEN, 6"-800# RF, 150# FLOW REVERSE FLOW, SCHED XH.
009	4		TEMPERATURE SWITCH, AMOT 40750001 w/SS T'WELL
011	1		VIBRATION SENSOR, AMOT 4109800A.
023	2		DUMP VALVE, 1" NPT, FISHER 128 POC, 1/2" ORIFICE.
047	1		ACTUATOR, GARZO 501-12.
048	1		TEMP. CONTROLLER, NORRISAL 5000, 1" NPT, 12" PROBE c/w SS T'WELL
049	1		REGULATOR, FISHER 67FR c/w GAUGE SET @ 20 PSIG.
051	2		DUMP VALVE 1" NPT, FISHER 128PC, 1/4" ORIFICE.
052	1		LEVEL INDICATOR PENBERTHY RX-17 c/w (2) 305 VALVES.
053	3		BALL VALVE, 1/2" NPT, WKM B136-CS-03-CS.
054	2		LEVEL SENSOR, 2" NPT, FISHER 2900-244V, INDIRECT ACTING.
055	1		LEVEL SENSOR, 2" NPT, FISHER 2900-244V, DIRECT ACTING.
056	3		SWITCHING VALVE, FISHER 167A SET @ 20 PSIG F.
057	1		CHECK VALVE, 1" S.W., VELAN.
058	1		RELIEF VALVE, 1 1/2" x 2" NPT, CONSOLIDATED 1997 SET @ 1290 PSIG.
059	1		FLEX CONN. BRAIDED, 1 1/2"x8" LONG CORRUGATED STEEL HOSE.
065	2		TEMP. INDICATOR, H.O. TERICE, MODEL 52.2784 3" DIA., 0-250°F.
066	6		DUAL, BACK MT. c/w SS T'WELL
067	4		TEMP. INDICATOR, H.O. TERICE, MODEL 52.2276, 3"DIA., 50-500°F.
068	1		DUAL, BACK MT. c/w SS T'WELL.
069	1		REGULATOR, FISHER, 67FR SET @ 30 PSIG.
070	1		RED FLANGE, 2"-300#RF x 1"NPT, SA-105N
075	1		FLEX CONN. BRAIDED, 1 1/2" x 14 1/2" CORRUGATED STEEL HOSE.
076	1		LEVEL CONTROLLER, 4"- 800# RF, FISHER 2500-244V, DIRECT ACTING.
077	2		LEVEL CONTROLLER, 2" NPT, FISHER 2900-244V, REVERSE ACTING.
078	1		VALVE 3-WAY, AMOT MODEL 4057001401.
079	1		RELIEF VALVE, CONSOLIDATED 1996C 1" x 1 1/2" NPT, SET @ 1290 PSIG.
080	1		BALL VALVE, 2" 800# RF, WKM MODEL B114-CS-03-CS.
081	1		CONTROL VALVE, 2"- 800# RF, FISHER 657-ET-46, SIZE 46 ACTUATOR, F.O.
082	4		ORIFICE PLATE, 4"-600#RF, 316 SS, 1/8"THK
083	1		BALL VALVE, 1"NPT, WKM, 1R-B136-CS-02CS/HL, RP, W/HANDLE
084	1		CONTROL VALVE, 2"NPT, FISHER 126 POC, 3/8" ORIFICE.
085	1		CONTROL VALVE, 4"-800# RF, TRUELINE MODEL V2FY-600 (T) c/w BETTIS ACTUATOR CB 725SR-100.
086	1		CHECK VALVE, PISTON, 4"- 800# RF, DANIEL FIG. 305A.
087	1		LEVEL INDICATOR, JERGUSON 6R-20 c/w (2) 148 VALVES.
088	6		BALL VALVE, 1" SW, WORCESTER, 444444RV.
089	1		CHECK VALVE, 2" SW, VELAN.
090	1		BALL VALVE, 2" SW, TEXTEAM.
092	1		CONE STRAINER, 4"- 800# RF, 100% FLOW, XH BORE, 316SS MESS, REVERSE FLOW.
093	1		RELIEF VALVE, ANDERSON GREENWOOD, 1 1/2"-600# RF x 3"-150# RF TYPE 24312H153/S1, SET @ 845 PSIG.

- ### GENERAL NOTES
- THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS STAMPED "RELEASED FOR MANUFACTURE".
 - ALL PROCESS PIPING TO BE CLAMPED AS NEAR TO ALL ELBOWS AS POSSIBLE. REFER TO DRAWING 12.8006.
 - FOR DESIGN PARAMETERS REFER TO PROJECT SCOPE SUMMARY DRAWING
 - FOR CUSTOMER CONNECTIONS REFER TO GENERAL ARRANGEMENT DRAWING
 - PIPE NIPPLES 1-1/2" AND SMALLER TO BE MIN. XXH WALL THICKNESS.
 - REMOVE PSV FROM FINAL DICHARGE.

LEGEND

○	CUSTOMER CONNECTIONS	▽	LOW POINT DRAIN (PLUGGED)
○	LOCALLY MOUNTED	—	FULL BORE SPACER PLATE 1/8"THK
○	MAIN CONTROL PANEL	▽	3/16" WEEP HOLE DRAIN
○	LOCAL GAUGE PANEL	◇	MANUFACTURED COMPONENTS
—	VENT LINE (TUBING)	—	UTILITIES TUBING
—	DRAIN LINE (TUBING)	—	MAJOR COMPONENTS
—	OIL LINE (TUBING)	□	ITEM TO BE SHIPPED LOOSE FOR FIELD INSTALLATION
—	INSTRUMENT LINE (TUBING)		
⊙	INSTRUMENT SUPPLY GAS		

ITEM	QTY.	CODE No.	DESCRIPTION
101	1		DUMP VALVE, 1" NPT FISHER #128POC-1B, C.S. 1/4" OR. 0-20 PSI, N.C.
102	1		LEVEL CONTROLLER, FISHER 2660A/ 266T, 2" NPT, PVC DISPLACER W/ BUOYGLAS FLOAT, 0.50 MIN. SP.GR. 1500 PSIG
103	1		REGULATOR, 1/4" NPT FISHER #67AFR-362, 5-35 PSI w/PI
104	1		LEVEL SWITCH, MURPHY L-1200-N 2" NPT
105	1		LEVEL GAUGE, PENBERTHY IRL7 CS W/ REFLEX/FLAT GLASS
106	1		SET GAUGE VALVES, PENBERTHY 330J 3/4" NPT, C.S.
107	1		BALL VALVE, 1/2" NPT WKM B136-CS-02-CS-HL, RP, W/ HANDLE.
108	1		BALL VALVE, 1 1/2" NPT WKM B136-CS-02-CS-HL, RP w/ HANDLE
109	1		CHECK VALVE, PISTON TYPE 1 1/2" NPT, NEWCO 48T-FS2.
120	1		BALL VALVE, 1" NPT, NEWCO 28T-FS2 TRIM CR13.CR13.HF.
121	1		BALL VALVE, 1" NPT, KF, RP.
122	1		BALL VALVE, 6"-800# RF (ALT), WKM, DYNASEAL 370, MODEL 370E-4B.
123	2		BALL VALVE, 1" NPT, NUTRON T3-R10S6D3 w/ LATCH HANDLE.
124	1		RELIEF VALVE, ANDERSON GREENWOOD, 2"-300# x 3"-150# RF, TYPE 24310J23/S1, SET @ 855 PSIG.
125	4		SPECTACLE BLIND, 4"-800# RF.

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105	1		LEVEL GAUGE, PENBERTHY IRL7 CS W/ REFLEX/FLAT GLASS
106	1		SET GAUGE VALVES, PENBERTHY 330J 3/4" NPT, C.S.
107	1		BALL VALVE, 1/2" NPT WKM B136-CS-02-CS-HL, RP, W/ HANDLE.
108	1		BALL VALVE, 1 1/2" NPT WKM B136-CS-02-CS-HL, RP w/ HANDLE
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125	4		SPECTACLE BLIND, 4"-800# RF.

REV	DESCRIPTION	DATE	DRAWN BY	CHECKED BY
5				
4				
3	REV MARK-UPS AS PER MAXIMO SCE PRO-PER MOC NO. 2004-42	2006-05-23	JS	LY
2	FIELD AS BUILT	00/02/01	G.H.	D.O.J.
1	ISSUED FOR CONSTRUCTION	99/12/22	M.M.	D.O.J.
0	FOR APPROVAL	99/11/01	BKF	D.O.J.

EFX COMPRESSION Services
 5049 74 Avenue SE
 Calgary AB Canada T2C 3H2
 Ph: (403) 720-3822
 Fax: (403) 720-3766
 ENERFLEX SYSTEMS LTD.

TITLE: PROCESS & INSTRUMENTATION DIAGRAM
 ARIEL JGR/4, WAUKESHA F3521GSIU, AIRFIN K120-1687
 COMPRESSOR PACKAGE

FOR: AMOCO CANADA LIMITED (WAPITI) LSD: 03-99-85-09 WKM
 CONSULTANT: P.O.: JOB No.: CS99635

DATE: 99/11/01 DESIGN BY: DATE: 09/18/99 DWG. NO.:
 DWN BY: BKF CHECKED BY: DATE: 09/18/99 PF99635
 SCALE: N.T.S. APP'D BY: DOJ