

# FPS-14 UL 343-SAE J1488

General Notes:

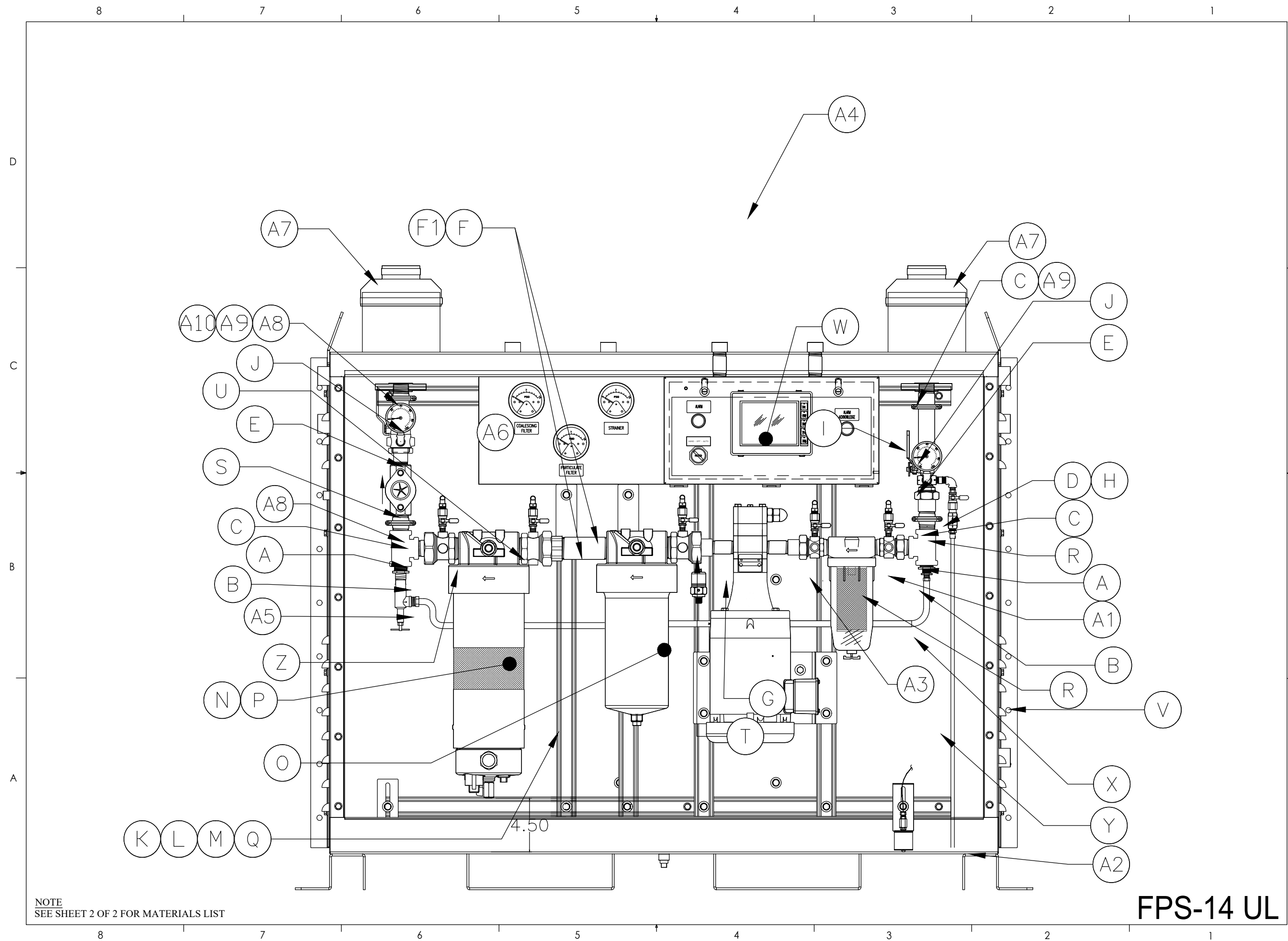
Project Name and Address:  
 LAKESIDE PETROLEUM SERVICE  
 FPS-14 UL 343-SAE J1488

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**Critical Mission Fueling Systems**

Date: 06/25/21	Sheet #
Rev: 000.000	D01
Drawing: FPS-14 UL 343-SAE J1488	

File Name : FPS-14 UL 343-SAE J1488.dwg  
 Created Date : July 13, 2021  
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 Plot By : www.PetroPanels.com Joe Micale  
 Paper size : ANSI expand B (11.00 x 17.00 inches)



NOTE  
SEE SHEET 2 OF 2 FOR MATERIALS LIST

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FPS-14-UL 343				
ITEM	QUANTITY	LAKESIDE PART NUMBER	DESCRIPTION	MATERIAL
A	2	TEE 1.00 SS NPT	TEE 1" SS, NPT	304 STAINLESS
B	2	BUSH 1X.5 SS NPT	1IN X 1/2" SS 304 BUSHING	304 STAINLESS
C	2	NIP 1X2.5 SS NPT	NIPPLE 1" X 2 1/2" SS304	304 STAINLESS
D	1	CV .25 FXM BRASS	(CV .25 FXM BR) MEDIUM-PRESSURE BRASS CHECK VALVE, 1/4 NPT FEMALE X 1/4 NPT MALE, FLUROELASTOMER	
E	2	BV 1.00 W/UNION BR	BV 1" W/UNION BR UX-100-F-100M-GGG 1" BALL VALVE-UNION ULTRA-X MODEL UX STD W/ MNPT NIPPLE,W/ TEST PORTS	
F	1	NIP 1.5X5 SS TXG	NIP 1.5X5 SS TXG	
F1	1	COUPLING VIC 1.5 GALV GXG	(COUPLING VIC 1.5 GALV GXG) 1-1/2 GAL COUPLINGS (GROOVED) BUNA GASKET	
G	1	UNION 1.50MX.75M W/G PORTS BR	UNION 1-1/2"M X .75"M W/G PORTS BR 1-1/2" UNION W/ GAUGE PORTS MXF/GAUGE PORTS BR MXM	BRASS
H	1	BV .25 MXF BR	BV 1/4" MXF BR APOLLO 7080101 1/4" BALL VALVE, M X FNPT, FORGED BRASS	FORGED BRASS
I	1	NIP 1X6 SS NPT	NIP 1X6 SS NPT	
J	2	GAUGE LF 30-0-100	(GAUGE LF 30-0-100) GAUGE 30-0-100 PSI BOTTOM LIQUID FILLED	
K	1	NIP .5X1.5 BRASS NPT	1/2"x 1-1/2"STD BRASS NIPPLE T.B.E.	Forged Brass
L	1	TEE .50 BRASS NPT	TEE .50 BRASS NPT	Forged Brass
M	1	BUSH .50X.25 SS NPT	BUSH .50X.25 SS304 NPT	
N	1	FILTERS FBO 10 DPL	FBO-10-DPL FBO10 RACOR FILTER HOUSING WITH DIFFERENTIAL PRESSURE INDICATOR	Factory Painted
O	1	FILTER-SPINON-1.5X25M	FILTER-SPINON-1-1/2" X 25M 1-1/2" NPT HEAD W/ PORTS, 25 MICRON X 10.6" FILTER	Stainless
P	1	FBO 10 -1 M/SEP	FBO 10 -1 M/SEP FBO 60327 FILTER SEPARATOR 1 MICRON	Stainless
Q	1	FBO WATER PROBE	FBO WATER PROBE RK21069 REPL.,WATER PROBE	Stainless
Q1	1	FBO WATER PROBE MODULE (CONTROLLER)	(FBO WATER PROBE MODULE) (RK14321) WATER DETECTION 24V DC	
R	1	STRAINER 1IN GOLDENROD	STRAINER 1IN GOLDENROD	Factory Painted
S	1	VISUAL FLOW INDICATOR 1.00	VISUAL FLOW INDICATOR 1.00 SFI-100-1 ROTOFLOW 1" NPT FEMALE	Forged Brass
T	1	PRESSURE SWITCH 0 TO 145PSI	PRESSURE SWITCH 0 TO 145PSI	
U	5	ELL 90 .25 SS NPT	ELBOW 1/4" SS304 90'S SCREWED	
V	1	ENC-FPS-56X42X14-CS	ENC-FPS-56X42X14-CS - FUEL POLISHER ENCLOSURE. PAINT WHITE	
W	1	PPKG#17UL 15GPM@100PSI.75IN1PH	PPKG#17UL 15GPM@100PSI .75IN 1PH VIKING PUMP MODEL SG-0519 GOV- X-M .75" NPT PORTS BUNA SEAL RV CLOSED COUPLED WITH ADAPTER BRACKET AND COUPLING, POWERED BY A 1.5 HP 3450 RPM-56C 1/60/115-230 BALDOR MOTOR, 1 PHASE	Factory Painted
X	1	HOSE 1/2INX48IN MNPT-SWVL	HOSE 1/2" X 32" MNPT-SWVL 1/2" X 32" OAL 100R1 CPLD MXM SWIVEL	
Y	1	HOSE 1/4INX48IN MNPT-SWVL	HOSE 1/4" X 32" MNPT-SWVL 1/4" X 32" OAL 100R1 CPLD MXM SWIVEL	
Z	1	UNION 1.50MX100M W/G PORTS BR	UNION 1-1/2"M X 1"M W/G PORTS BR 1-1/2" UNION W/ GAUGE PORTS MXF/GAUGE PORTS BR MXM	BRASS
A1	1	UNION 1.00v/75 MXF W/GAUGE PORTS AND CHECK VALVE BR	UNION 1.00x.75 MXF W/GAUGE PORTS BR) (UU-100-M-100F-GGG) 1IN UNION W/ GAUGE PORTS MXF #3M 304I THD UNION) ADD CHECK VALVE	BRASS
A2	1	LK-750 SS	LK-750 SS LEAK SENSOR SS N.C. WITH 25' CABLE	Stainless
A3	1	UNION 1.00MX.75F W/G PORTS BR	UNION 1"M X 3/4"F W/G PORTS	
A4	1	FOC-FOS-1P	FOC-FOS-1P SMART CONTROLS - FOC MULTI FUNCTION CONTROLLER.	
A5	1	Bprv .5IN@0-250PSI	AQUATROL MODEL 69	BRASS
A6	3	AB 1203PGS-1A-2.5F-A 0-15	DIFF-GAUGE-ORG-FLNG-RT HI PRESSURE GAUGE/SWITCH-SPDT, NO 0-15PSI. SWITCH SET TO 10 PSI. RIGHT HI/LEFT LOW	
A7	2	BOOT 6.5IN x 1.00IN	BOOT WITH REDUCING DONUT, UV RATED 6 1/2" x 1.00"	
A8	4	HANGER 1.00 SS SPLITRING	(HANGER 1.00 SS SPLITRING) HANGER 1.00 SS304 SPLIT RING	
A9	2	FLANGE 1.00 SS NPT	FLANGE 1.00 SS NPT	
A10	1	NIP 1X3 SS NPT	NIP 1X3 SS NPT	

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