

IQFLO BOOSTER SYSTEM START-UP REPORT

STEP	System Serial #:		System Type	
	Project Name:		Number of pumps	
	System Phase:			
1	BEFORE PROCEEDING, MAKE CERTAIN VOLTAGE APPLIED TO THE INPUT OF THE DISCONNECT MATCHES THE DOOR TAG! IF NOT, DO NOT CONTINUE! ONLY IF CORRECT - GO TO STEP 2.			

2	Avg. Line to Line Voltage:	L1/L2	L2/L3	L3/L1	208V SYSTEM- LINE TO LINE VOLTAGE MUST BE UNDER 229 VAC AND LINE TO GROUND VOLTAGE MUST BE UNDER 132
	Avg. Line to Ground Voltage:	L1/G	L2/G	L3/G	If voltage is more, do not proceed!

3	Perform visual review of the system for transportation or construction damage	
4	Verify all system valves (ball or butterfly) are in the OPEN position	
5	Verify actual Suction Pressure at site against design. Record actual suction pressure:	
	Actual suction pressure (in PSI)	
	Design suction pressure (in PSI)	
6	Purge air from discharge header and pump casings by performing the following :	
6a	Close discharge sensing line ball valve, remove poly sensing tubing from push-fitting at discharge gauge. Point tubing at nearest floor drain, then slowly open ball valve and allow all air to escape from system.	
6b	Perform 6a above AND loosen air vents installed at top of pump casing(s).	
6c	Perform 6a above. These units include auto air release vents installed on the pump can(s) (positive suction pressure only) so further manual venting is not required	

7	MAKE SURE BREAKERS ARE IN THE UP POSITION,BUT TO HAVE THE DISCONNECT IN THE OFF POSITION	
	CLOSE PANEL DOOR AND TURN ON MAIN DISCONNECT HANDLE - THIS WILL ENERGIZE THE PANEL. VERIFY TOUCH SCREEN (HMI) POWERS UP AND SHOWS COMMISSION SCREEN?.	
	VERIFY NO ALARMS ARE PRESENT BEFORE CONTINUING.	

8a	ON P1 SCREEN, place pump 1 in AUTO, then PUSH START BUTTON. Verify pump reaches setpoint.	
8b	Now press STOP button for P1 and watch discharge pressure fall back down to suction pressure.	
8c	ON P2 SCREEN, place pump 2 in AUTO, then PUSH START BUTTON. Verify pump reaches setpoint.	
8d	Now press STOP button for P2 and watch discharge pressure fall back down to suction pressure.	
8e	ON P3 SCREEN, place pump 3 in AUTO, then PUSH START BUTTON. Verify pump reaches setpoint.	
8f	Now press STOP button for P3 and watch discharge pressure fall back down to suction pressure.	

9	Place all pump(s) in AUTO and verify pump shutdown and alternation occurs after closing off the mop sink or hose bibb from step 8.	
---	--	--

HMI SETTINGS - RECORD IF CHANGED FROM FACTORY SETTING, IF NOT LEAVE BLANK!

Max. Transducer			Hi Sys OFF Delay	
Screen Calibration			Hi Sys RST Delay	
Hi System PSI>SV			Pip Break PSI	
Call ON PSI			LAG ON Delay	
Sensor Fail Hz			VFD Min. Hz.	
Max. LEAD Run			Motor FLA	

SYSTEM STARTUP AND WARRANTY COMMENCING INFO

Startup performed by (company):	
Signature:	<input type="text"/>
Print Name:	
Date:	

Witnessed by (company):	
Signature:	<input type="text"/>
Print Name:	
Date:	