

## Booster Maintenance Report



### SITE INFORMATION:

Job Name \_\_\_\_\_ Job # \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_  
Country/State/Zip \_\_\_\_\_ Date \_\_\_\_\_  
Site Contact \_\_\_\_\_ Phone or e-mail \_\_\_\_\_  
Customer Contact: \_\_\_\_\_ Phone or e-mail \_\_\_\_\_  
Station Make and Model: \_\_\_\_\_  
Station Design: Flow \_\_\_\_\_ GPM Set-point \_\_\_\_\_ PSI  
Feed pressure: \_\_\_\_\_

### PRE-POWER CHECKS, MECHANICAL:

- ☐ Pump Bases Secure    ☐ Station Base Secure    ☐ Panel Stand Secure  
☐ Connections secure    ☐ Gauge and Sensor Assemblies

### PRE-POWER CHECKS, ELECTRICAL:

Service Disconnect to Station Wire Size \_\_\_\_\_ Ground Wire Size \_\_\_\_\_  
Breaker/Fuse size: \_\_\_\_\_

☐ Supply power ampere rating is greater than station FLA. If other equipment is being supplied by the same breaker it must be sized to handle all equipment.

Main Disconnect: ☐ Wires Secure    ☐ Sized According to FLA    ☒ No Cracks/ Damage

Local Disconnect: ☐ Wires Secure    ☐ Sized According to FLA    ☒ No Cracks/ Damage

MOTOR NAMEPLATE DATA

	MAKE	Model	S/N	HP	FLA	VOLTS	RPM
#1		/	/	/	/	/	
#2		/	/	/	/	/	
#3		/	/	/	/	/	
#4		/	/	/	/	/	

PUMP DATA

	MAKE	Model	S/N	Trim and other Information
#1		/	/	
#2		/	/	
#3		/	/	
#4		/	/	

CONTROLS

VFD

	Make	Model	S/N
#1		/	/
#2		/	/
#3		/	/
#4		/	/

OTHER MAJOR COMPONENTS

	Type	Make	Model	S/N
#1		/	/	/
#2		/	/	/
#3		/	/	/
#4		/	/	/

## INITIAL POWER UP

### AC Voltage:

A-B \_\_\_\_\_ B-C \_\_\_\_\_ A-C \_\_\_\_\_

A-G \_\_\_\_\_ B-G \_\_\_\_\_ C-G \_\_\_\_\_

### Maintenance Service:

1. Clean and dust VFDs with compressed air, duster, and electronic cleaner (POWER OFF).
2. Check wires are secure (POWER OFF).
3. Lubricate Bearings (while motor running at low speed)
4. Check pump/motor vibration is in tolerance.
5. Check coupling is on flush and tight (power off and at least one iso valve closed)
6. Check for leaks including mechanical seal.
7. Review alarm logs:
8. Review run times.
9. Review programming:
10. Verify sensors readings are correct.
11. Investigate any complaints from the owner.

Tech:

Name (Print): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Site Contact:

Name (Print): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_