

Booster System Commission Report



SITE INFORMATION:

Job Name _____ Job # _____
Address _____ City _____
Country/State/Zip _____ Date _____
Site Contact _____ Phone or e-mail _____
Distributor Contact: _____ Phone or e-mail _____
Station Make / Model: _____
Station Serial Number: _____
Station Design: Flow: _____ GPM Boost: _____ Set-point: _____ PSI
Is site prepared for normal demand: ☐ Yes ☐ No (If no owner should be notified additional tuning may be needed later)
Is Flow Being Measured: ☐ Yes ☐ No
Feed pressure: _____

PRE-POWER CHECKS, MECHANICAL:

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

PRE-POWER CHECKS, ELECTRICAL:

Service Disconnect to Station Wire Size _____ Ground Wire Size _____ Breaker/Fuse size _____
Wire Size to VFDs or Starters _____ Ground Wire Size _____ To Motor's _____ Ground _____

☐ 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.

PLC: ☐ Wires Tight ☐ Plug-In Terminal Blocks Secure

Main Disconnect: ☐ Wires Secure ☐ Sized According to FLA ☐ No Cracks/ Damage Controls: ☐ Terminal Strip Wires Tight
☐ Components Secure

VFD: ☐ Inspect (Remove Cover Visual) ☐ Wiring Tight ☐ Components Secure

Control Transformer: ☐ Proper Voltage (Primary/Secondary) ☐ Wires Tight (Line & Load)

MOTOR NAMEPLATE DATE

	Make	Model	S/N	HP	Voltage	Amps	RPM	Frame
#1	_____	_____	_____	____	_____	_____	_____	_____
#2	_____	_____	_____	____	_____	_____	_____	_____
#3	_____	_____	_____	____	_____	_____	_____	_____

PUMP DATA

	Make	Model	S/N	Trim and other Information
#1	_____	_____	_____	_____
#2	_____	_____	_____	_____
#3	_____	_____	_____	_____

CONTROLS

VFD

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

OTHER MAJOR COMPONENTS

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

INITIAL POWER UP

AC Voltage:

A-B _____ B-C _____ A-C _____

☐Voltage Balanced **Not to Exceed 10% of Station Design Voltage**

A-G _____ B-G _____ C-G _____

Control Voltage:

Function Tests:

Pump/Motor Rotation:

Does unit stop when there is no demand or minimum speed for closed applications? _____

Does the unit restart once there is a drop in pressure/demand? _____

Do pumps stage and de-stage as needed? _____

Does the unit maintain set point pressure while in demand? _____

Do the pumps alternate? _____

Alarms tested **Hi Discharge** **Lo-Discharge** **Hi-Suction** **Lo-Suction** **VFD Fail** **Sensor Fail** **Power Fail** **Other**

functions tested that are not listed: _____

8	Discharge		Run Test Information												
	Station Test Data (100%) All Pumps			Pump Motor 1 Test Data			Pump Motor 2 Test Data			Pump Motor 3 Test Data			Pump Motor 4 Test Data		Notes
1	Voltage		1	Voltage		1	Voltage		1	Voltage		1	Voltage		
2	Amps		2	Amps		2	Amps		2	Amps		2	Amps		
3	Phase		3	HZ		3	HZ		3	HZ		3	HZ		
4	HZ		4	Discharge		4	Discharge		4	Discharge		4	Discharge		
5	Inlet		5	Flow		5	Flow		5	Flow		5	Flow		
6	Discharge														
7	Flow							Notes							

FINAL SETTINGS:SP: _____ Restart Pressure: _____ Minimum Speed: _____ Ramp Up: _____ Ramp Down: _____ Over current: _____

State the unit was left in:

NOTES:

Name (Print): _____

Signature: _____

Date: _____