

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 and Model: _____
Station Design: Flow _____ GPM 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: _____

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 DATA

	MAKE	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 _____

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

Control Voltage: 24 VDC Power Supply Measured Voltage _____

LIVE POWER CHECKS:

Pump/Motor Rotation: _____

Pressure reading accuracy (multiple sensors match or gauge to sensor match pressure reading)? _____

FUNCTION TESTS:

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? _____

Circle alarms tested **Hi Discharge** **Lo-Discharge** **Hi-Suction** **Lo-Suction** **VFD Fail** **Sensor Fail** **Power Fail**

Other functions tested that are not listed: _____

FINAL SETTINGS:

SP: _____ Restart Pressure: _____ Minimum Speed: _____ Ramp Up: _____ Ramp Down: _____

Over current: _____

ADDITIONAL WORK AND NOTES:

Name (Print): _____

Signature: _____

Date: _____