



PULSAFEEDER METERING PUMP START-UP CHECKLIST

Contractor/Owner: _____

Purchase Order No: _____

Equipment Tag No(s): _____

Pulsafeeder Order No: _____

Pump Model(s): _____

Serial Number(s): _____

Equipment List: _____

Completed by:

Name: _____

Company: _____

Date: _____

When installation is complete, sign and fax this form to
PULSAFEEDER at: (585) 424-5619

1. Installation:

- Operating environment
- Access for maintenance
- Pump mounting, alignment and level
 - Pumps are rigidly bolted to the foundation or mounting surface
 - Pumps are level within 2 degrees
- Inspect piping and accessories (i.e., shut-off valves, inlet strainer, pressure gauges, relief valves, and back pressure valves)
 - All piping and accessories are correctly installed and connected to the inlet and outlet of the pump
 - Necessary calibration columns are available or piped into the system to allow for calibration
- Piping support (weight of the piping cannot be supported by the valve housing or the pump reagent head)
 - All piping is properly supported

2. Priming the Pump Hydraulic System

- See priming procedures for respective equipment
- All pumps are filled with the correct PULSALUBE oil

3. Priming the Reagent Head

- Suction pressure
- Discharge pressure exceeds suction pressure by 5 psi
- Open discharge line to atmosphere
- Fill reagent head with process fluid
- Reconnect discharge piping or valve to system
- Pump is ready for start-up
 - Water or process fluid is available for testing the pumps and can be delivered to the inlet of the pumps

4. Pump Start-Up

- Set stroke length to 0%
- Start pump and slowly increase stroke length to 100%
- Inspect pump for fluid leaks

5. Electronic Stroke Actuator Calibration

- See attached calibration procedures for stroke length actuator

6. Control Panel Operation

- Check that all necessary options are installed
- Check all wiring and terminations
- Check supply AC voltage to control panel
 - Power and all electrical connections are complete to the pumps and control panels and are verified to be correct
- Inspect control station - start, stop, run
- Check motor rotation
- Adjust acceleration, deceleration, IR compensation, maximum speed

7. Capacity Calibration

- Fill calibration column
- Measure volume of product pumped and divide by the time required to pump to calculate pump capacity

8. The owner has been notified and will be available for training

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