



*Instructions: Insert the following paragraphs into your specifications to ensure that your new apparatus is equipped with class 1 components*

## **FLOWMINDER**

### **INSTRUMENTATION: Flow Meters**

The apparatus shall be equipped with a Class1 Flowminder on each discharge line to give the pump operator or engineer an indication of actual volume of water in gallons per minute) being discharged through each line and the total volume of water that has flowed through each line.

Each Flowminder system shall consist of:

1. A weatherproof digital flow display with super-bright digits at least 1/2" high. The display shall read actual flow and switch to total flow when a button is depressed and held.
2. A flow transmitter mounted in the discharge line piping between the pump and the discharge outlet. The transmitter shall consist of a weather resistant black anodized housing with brass wetted parts with a durable paddle wheel. The only part inserted into the water flow path shall be the paddle wheel.
3. A set of connecting cables to connect the digital display to the flow transmitter and to the apparatus power.
4. Machined mounting hardware to hold the transmitter in the correct position in the discharge line shall be provided and placed in strict accordance with the Class1 monitoring requirements as stated in the Operation and Instruction Manual.
5. The flowmeter shall be checked & calibrated prior to delivery of the apparatus.