

# Metering Pump Application Data Sheet



**FLUID HANDLING INC.**

Phone: 1-800-500-9311,  
or 1-864-573-9200

*Print or Save* completed form  
and then Submit using either:  
Email: [sales@oecfh.com](mailto:sales@oecfh.com)  
or Fax: 1-864-573-9299

Your Equipment No.: \_\_\_\_\_

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

NAME \_\_\_\_\_

TITLE \_\_\_\_\_

COMPANY \_\_\_\_\_

PHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_

FAX \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

EMAIL \_\_\_\_\_

## Use this form for **Water and Wastewater Treatment**

### LIQUID DATA

Liquid: \_\_\_\_\_

Concentration: \_\_\_\_\_

Pumping Temp: \_\_\_\_\_

Viscosity: \_\_\_\_\_

Specific Gravity: \_\_\_\_\_

Vapor Pressure: \_\_\_\_\_

Clear or Slurry: \_\_\_\_\_

If Slurry, Max Particle Size: \_\_\_\_\_

### FLOW AND PRESSURE

Treatment Plant Flow Rate: Max \_\_\_\_\_ Min \_\_\_\_\_

Dosage Range (mg/l or ppm): Max \_\_\_\_\_ Min \_\_\_\_\_

Pump Flow Rate Required: Max \_\_\_\_\_ Min \_\_\_\_\_

Pump Discharge Pressure: Max \_\_\_\_\_ Min \_\_\_\_\_

Other than the Metering Pump, are there other  
pressure sources in the discharge line? Yes No

If yes, specify: \_\_\_\_\_

### PUMP CAPACITY CONTROL

Local and/or Remote? Local or Remote

Automatic and/or Manual? Automatic or Manual

If Automatic, Electronic? or Pneumatic?

Specify Automatic Control Signal (mA, psi, etc.) \_\_\_\_\_

### POWER AVAILABLE

Voltage \_\_\_\_\_ Phase \_\_\_\_\_ Hz \_\_\_\_\_

### MOTOR REQUIREMENTS

Enclosure: \_\_\_\_\_

Speed: Constant? or Variable?

If Variable Speed,  
AC Variable Frequency? or DC SCR Type?

Installation Altitude: \_\_\_\_\_ ft. Above Sea Level

Ambient Temperatures: Min \_\_\_\_\_ Max \_\_\_\_\_

### INSTALLATION DETAILS

#### Discharge Line:

Length \_\_\_\_\_ Diameter \_\_\_\_\_

Pipe Schedule \_\_\_\_\_ Material \_\_\_\_\_

#### Suction Line:

Length \_\_\_\_\_ Diameter \_\_\_\_\_

Pipe Schedule \_\_\_\_\_ Material \_\_\_\_\_

# of Elbows \_\_\_\_\_ Valves \_\_\_\_\_

Strainer \_\_\_\_\_

What is the difference in height between the pump suction  
connection and the lowest level in the tank?

\_\_\_\_\_

Which is higher? the Pump or the Tank

**NOTE:** If available, provide a system sketch to help in  
the proper pump selection.

### COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_