

# Metering / Process Pump Specification Checklist

Creating Fluid Solutions



Company					Date		
Contact		Dept.			Project Name		
Your email					Project Description		
Address							
City		State		Zip			
Telephone			Fax			Inquiry No.	
Fluid			How many pumps required		Pump heads / pump	▼	

SERVICE CONDITIONS		MINIMUM	NORMAL	MAXIMUM
1	Flowrate	▼		
2	Accuracy (%)			
3	Discharge Pressure	▼		
4	Suction Pressure	▼		
5	Pumping Temperature	▼		
6	Specific Gravity			
7	Viscosity (cPs) at Pumping Temp.	▼		
8	Vapor Pressure (psia) at PT°F			
9	PH			
10	Solids Content (%)			
11	Solids Size (micron)/hardness			
12	Will the solids settle?	▼	Are the solids abrasive?	▼

APPLICATION DATA				
13	Flow Control Method (stroke length)	▼	Flow Control Method (speed)	▼
14	Pump Head	▼	If packed plunger, is flushing required?	▼
15	Temperature Control	Heating <input type="checkbox"/>	Cooling <input type="checkbox"/>	Stable Temperature <input type="checkbox"/>
16	Acceptable Materials of Const.			
17	Accessories	Damper <input type="checkbox"/>	Relief Valve <input type="checkbox"/>	Back Pressure Valve <input type="checkbox"/>
				System <input type="checkbox"/>

MOTOR DATA	
18	Voltage / Phase / Hertz
19	Area Electrical Classification
20	Enclosure Requirement
21	Variable Speed Controller

DOCUMENTATION REQUIREMENTS	
22	Testing
23	Approval Drawings
24	Certified Drawings

25	Mill Certificates			
Note: For blending multiple components, e.g. multi-head pump, please fill out a specification checklist for each liquid				
Where will the pump be installed?				
Surrounding Environment	Washdown?	▼	Temperature of environment	
	Humid?	▼	Elevation	
Process Conditions	CIP?	▼	SIP?	▼
Pump Connections				
Company / Application Standards	<input type="checkbox"/> API 675	<input type="checkbox"/> Offshore	<input type="checkbox"/> Sanitary	
	<input type="checkbox"/> API 674	<input type="checkbox"/> NACE	<input type="checkbox"/> 3-A / hygienic	
General Comments / Past Problems				

**Our installation will be sketched below:**

**NOTE:** If you are submitting a sketch, please complete the form, print it, create your sketch, and then fax to number below.



Pump



Valve



Strainer



Damper



Relief Valve

**We're here to help.** Reciprocating positive displacement pumps require careful piping design and installation for trouble free operation. An isometric drawing of your layout will allow us to review and suggest any changes that may be necessary.