



3408 McClelland Avenue • PO Box 10024 • Erie, PA 16514  
Ph: 814/899-3311 • Fax: 814/899-4645 • Toll Free: 800/289-7543

### Mixer Application Questionnaire

Customer: \_\_\_\_\_ End User: \_\_\_\_\_  
Contact: \_\_\_\_\_ Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_ Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_ Email: \_\_\_\_\_

Please check the items required:  Drive  Shaft  Impeller  Motor

Application: \_\_\_\_\_  
\_\_\_\_\_

Design Pressure: \_\_\_\_\_ Design Temperature: \_\_\_\_\_  
Operating Pressure: \_\_\_\_\_ Operating Temperature: \_\_\_\_\_  
Materials of Construction: \_\_\_\_\_

Bearing Material:  Standard  Other: \_\_\_\_\_  
O-ring Seal Material:  Standard  Other: \_\_\_\_\_  
In-tank Coupling:  Yes  No  Shaft Diameter: \_\_\_\_\_  
Motor to Drive Connection:  In-line  Belt-Driven

### MIXING REQUIREMENTS

Maximum Specific Gravity: \_\_\_\_\_ Maximum Viscosity: \_\_\_\_\_  
Are Solids Present?  No  Yes Size: \_\_\_\_\_ % Solids: \_\_\_\_\_  
Reactor Inside Diameter: \_\_\_\_\_ Reactor Inside Length: \_\_\_\_\_  
Shaft Length from top of cover: \_\_\_\_\_ Liquid Height above Impeller: \_\_\_\_\_  
Mixing Type? Blending \_\_\_\_\_ Solids Suspension \_\_\_\_\_ Gas Dispersion \_\_\_\_\_

Visit our web page at <http://www.zeyon.com/>

**IMPELLER:**

Number of impellers: \_\_\_\_\_  
Impeller type: \_\_\_\_\_ Impeller Diameter: \_\_\_\_\_  
Impeller type: \_\_\_\_\_ Impeller Diameter: \_\_\_\_\_  
Space between impellers on shaft: \_\_\_\_\_  
Impeller speed: Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

**DRIVE MOTOR REQUIREMENTS:**

Drive type? In-line Motor \_\_\_\_\_ V-Belt Drive \_\_\_\_\_ Stub Shaft \_\_\_\_\_  
Air Motor? Yes \_\_\_\_\_ No \_\_\_\_\_ Air supply and flow rate: \_\_\_\_\_  
Electric Motor? DC Motor \_\_\_\_\_ AC Motor \_\_\_\_\_ Voltage \_\_\_\_\_ Phase \_\_\_\_\_ Hz \_\_\_\_\_  
Hazardous Area \_\_\_\_\_ Non Hazardous Area \_\_\_\_\_  
Electrical Area Classification: Class \_\_\_\_\_ Div. \_\_\_\_\_ Group \_\_\_\_\_  
Other: \_\_\_\_\_