

## OmniPulse Application Questionnaire

Submitted By \_\_\_\_\_ Date \_\_\_\_\_  
 Company Name \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

### CRANE INFORMATION

Crane ID/Name \_\_\_\_\_ Customer/Ref. No. \_\_\_\_\_  
 Type/Application of Crane \_\_\_\_\_ (ex. hot metal, scrap handling, etc.)  
 Indoor \_\_\_\_\_ Outdoor \_\_\_\_\_ Ambient Temperature Range \_\_\_\_\_  
 Duty Cycle: Hoist FPM \_\_\_\_\_ Trolley FPM \_\_\_\_\_ Bridge FPM \_\_\_\_\_  
 No. of Lifts/Hours \_\_\_\_\_ No. of Shifts/Day \_\_\_\_\_ Ave. Height of Lift \_\_\_\_\_  
 Ave. Trolley Move (length of span in feet) \_\_\_\_\_ Ave. Bridge Move (length of runway in feet) \_\_\_\_\_  
 Other Environmental Considerations \_\_\_\_\_

### DC POWER SUPPLY VOLTAGE FEEDING CRANE

230 VDC \_\_\_\_\_ 300 VDC \_\_\_\_\_ 360 VDC \_\_\_\_\_ Other \_\_\_\_\_ VDC  
 Specify Type of DC Supply - Regulated SCR \_\_\_\_\_ Diode Rectifier \_\_\_\_\_ Other \_\_\_\_\_ Specify \_\_\_\_\_  
 Regen package on the rectifier? Yes \_\_\_\_\_ No \_\_\_\_\_  
 Approximate Number of Cranes on Same Power Source \_\_\_\_\_  
 Measured AC Ripple Current \_\_\_\_\_ Measured AC Ripple Voltage \_\_\_\_\_

### OPERATOR INTERFACE

Cab \_\_\_\_\_ Master Switches \_\_\_\_\_ Type & Manufacturer of Master Switches \_\_\_\_\_  
 Floor \_\_\_\_\_ Pendant \_\_\_\_\_ Radio Control \_\_\_\_\_ Other \_\_\_\_\_

<b>MOTOR DATA</b>				
	Main Hoist	Aux Hoist	Trolley	Bridge
<b>No. of Motors</b>				
<b>If Two or More, Specify Connection (series, parallel or series parallel)</b>				
<b>Motor HP</b>				
<b>Motor Type/Frame (series, shunt or compound)</b>				

## OmniPulse Application Questionnaire (Continued)

### EXISTING CONTROLLER DATA

Motion	Type of Construction (check one)		Type of Enclosure	Controller Dimensions (inches)			List Any Other Enclosure Dimensional Considerations Or Limitations Here
	Open Panel	Enclosed		W	H	D	
Main Hoist							
Aux Hoist							
Trolley							
Bridge							

### ADDITIONAL CONTROLLER DATA

	Main Hoist	Aux Hoist	Trolley	Bridge
Existing Control Manufacturer				
Existing Control Diagram No.				
Are Copies of Existing Controller Diagrams Available?				

### ADDITIONAL CONTROLLER DATA

	List Any Other Required Controller Options or Design Considerations Here (such as knife switch and fuses or breaker, shunt brake contactor adder, etc.)
Main Hoist	
Aux Hoist	
Trolley	
Bridge	

### BRAKES

	Main Hoist	Aux Hoist	Trolley	Bridge
No. of Brakes				
Brake Size				
Type (Electro-Magnetic or Hydraulic)				
Type of Coil (series or shunt)				
Brake Manufacturer				