

Contract Number: _____

Crane Manufacturer: _____

Crane Capacity: _____

Crane Serial Number: _____

Drum Barrel Coupling Alignment Record

Equipment (check one): Main Hoist Drive Aux Hoist Drive Other: _____

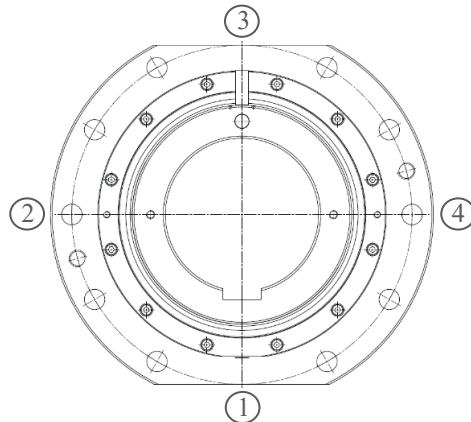
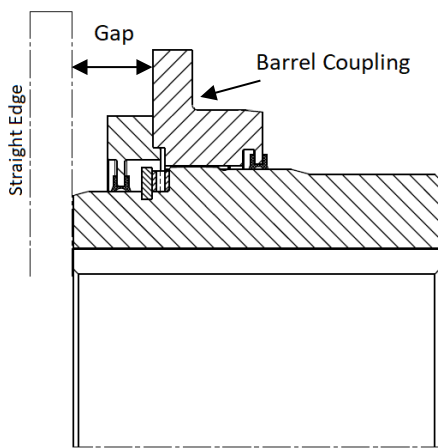
Coupling Manufacturer	
Coupling Model or Size	
Describe Axial Alignment Criteria (and tolerances)	
Allowable Angular Misalignment (gap delta)	

Alignment Verification Method: Laser Straight Edge Dial Indicator

Laser Alignment Horizontal Gap: _____ Vertical Gap: _____

Note 1: The largest gap between horizontal and vertical will be reported below as the gap delta in Alignment Results.

Straight Edge and Dial Indicator Alignment



Position: 1 2 3 4 Δ

Gap Measurement: _____ _____ _____ _____ _____

Note 2: Position 1 is typically opposite of the wear indicator.

Note 3: Δ (gap delta) is the difference between the largest and smallest gap measurements. Report this value below in Alignment Results.

Note 4: Gap measurement units are a length (i.e. inches or mm). The unit must be included whenever reporting a number.

Alignment Results

Axial Alignment	<input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
Angular Measurement (gap delta)	

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Bolting Requirements

Coupling to Drum		
Number of Bolts	Bolt Size and grade	Torque Value and lubrication

Pillow Block Torque Record		
Bolt #	Bolt Size	Torque Value

Pillow Block Shimming Record	
Number of Shims	Total Shim Thickness

Alignment Verified by: _____

Date: _____