



# PERIODIC WORKSTATION BRIDGE CRANE SYSTEM INSPECTION CHECKLIST

Inspector Name: \_\_\_\_\_

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

System Number: \_\_\_\_\_

Model: \_\_\_\_\_

INSPECTION POINTS	Inspection Result (✓)	
	PASS	FAIL
1. Check that the beam clamps, if supplied, are installed horizontal within + / - five degrees.		
2. Check that endstop bolts are present and have locknuts installed.		
3. Using a torque wrench, check that all bolts are present and torqued to values shown in the system manual.		
4. Check that splices, if supplied, are centered on track joints.		
5. Verify that capacity labels are present, attached, and legible.		
6. Check the track for levelness within + / - 1/4 inches per 20 feet of track.		
7. Check the track flanges. Track flanges cannot be bent downward more than five degrees.		
8. Check the track thickness. Track thickness cannot be worn more than 10 percent.		
9. Check all system welds for cracks.		
10. Check system components for corrosion and bent or damaged areas.		
11. Verify that the hoist can traverse entire length of track without snags.		
12. Inspect the hoist per the manufacturer's instructions.		
13. Check system components for loose components.		
14. Check system components for loose or missing fasteners.		
15. Check system support structure for stability.		
16. Verify that hanger assemblies are installed properly and fasteners are torqued to proper values.		
17. Check motorization components, if supplied, for improper performance or noncompliance with applicable safety requirements.		
18. Check drive chain sprockets, if supplied, for excessive wear and excessive chain stretch.		
19. Check the electrical apparatus, if supplied, for any deterioration of the controller contactors, limit switches, and push button stations.		
20. Check system for unauthorized modifications. Only Spanco can authorize modifications. Remove system from service if it is modified in anyway.		

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Form Number: SP-PWBCSIC-0517V1