

# Inspection Checklist for Travelling Cranes

Record No.: \_\_\_\_\_  
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Client: _____ Project No.: _____ Project Name: _____	Subcontractor: _____ Subcontract P.O. No.: _____ Equipment No.: _____ Serial No.: _____
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Additional Information: Vendor: _____	P.O. No.: _____ Reference Document: _____
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Items to inspect	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
<p>1.0 <b><u>Definition</u></b></p> <p>Check configuration: fixed monorail/ underhung bridge / overhead bridge / other ..... (*)</p> <p>2.0 Check marking safe working load</p> <p>3.0 <b><u>Check type of drive</u></b></p> <p>Hoist:            manual/electric/pneumatic (*)                      Longitudinal:   manual/electric/pneumatic (*)                      Transversal    manual/electric/pneumatic (*)                      Type of lift:    cable/chain (*)</p> <p>4.0 <b><u>Check fixed parts</u></b></p> <p>i.e. runway beams, rails: check dimensions, positions, levels, fixing to structures, parallelism of rails / runway beams (if applicable), end stops, interlocks</p> <p>5.0 <b><u>Check moving parts</u></b></p> <p>i.e. bridge, end carriages, drives, hoists, etc. for conformity and correct mechanical assembly</p> <p>(*) Delete as necessary</p>				

H - Company's presence is mandatory for all activities in section.  
 h - Company's presence is mandatory.

Attachments, No. of pages:

Accepted for Subcontractor	Accepted for Company	Accepted for Client
Name: _____ Signature: _____ Date: _____	Name: _____ Signature: _____ Date: _____	Name: _____ Signature: _____ Date: _____

\*Company only initials for holdpoints

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6.0 <b>Electrical</b>  Check electrical installation from fixed isolation switch through longitudinal / transversal supply systems including motors power panelboard, cabling, cable trays, controls and switches for conformity, connections and insulation (attach inspection and test records, relevant Company electrical records)				
7.0 <b>No load tests</b>  7.1 Check starting, running, controls, alarms 7.2 Check hoist motion / longitudinal motion / transversal motion 7.3 Check limit switches and other safety devices 7.4 Check different lift speeds 7.5 Check highest and lowest hook position; longitudinal and transversal hook approaches 7.6 Check number of turns of rope left on drum at lowest hook position		H		

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Project No.: _____	Subcontract P.O. No.: _____
Project Name: _____	Equipment No.: _____
	Serial No.: _____

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8.0 <b><u>Load/overload tests</u></b>		H		
8.1 Check static load test (in accordance with laws, rules, codes, standards required by authorities)				
8.2 Check dynamic load tests (in accordance with rules, codes, standards required by authorities)				
8.3 Operation in overload: longitudinal, transversal and hoist (try brake several times)				
8.4 Make a visual inspection after overload test				
8.5 Overload test: confirmation that any safety devices cut-out or adjusted for test are restored and checked				
8.6 Verification test by official organization (attach test certificate)				

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