



Lusail Real Estate Development Company

Health, Safety, Security, Environment, Logistics & Quality Department

Lusail Construction Safety Procedural Forms/Checklists – Daily Crane Inspection Form

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COMPANY PROPRIETARY INFORMATION

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Amendment Record

This document is reviewed to ensure its continuing relevance to the systems and process that it describes. A record of contextual additions or omissions is given below:

Rev .No	Description / Comments	Prepared By	Checked By	Approved By	Issue Date
1	(Pg. 1) Company Propriety Information – Not controlled if printed has been added.	HSE Working Group	Michael Ford	Uwe Krueger	1 st April 2015
1	(Pg. 2) Revised Amendment Table	HSE Working Group	Michael Ford <i>Michael Ford</i>	Uwe Krueger	1 st April 2015

Daily Crane Inspection Form

Operator: _____ Date: _____ Shift: _____

Type of Crane: _____ Serial No.: _____

Instructions: Cranes must be inspected by a designated competent person before each use to ensure that they are in safe operating condition. Any deficiencies must be repaired, or defective parts replaced, before continued use.

Pre-operational walk-around inspection	Pre-startup (in cab) inspection
<p>General</p> <p>S U NA</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Exposed moving parts guarded or isolated</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> High voltage warning signs displayed properly</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Components used for lifting, swinging, or lowering free from defects</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Wire ropes free from defects</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Swivels rotate freely</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Tires free from cuts, tears, breaks, and are properly inflated</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Exhausts adequately shielded</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> No fluid leaks in fuel, air, or hydraulic systems</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Hook is not deformed, cracked, twisted, does not show excessive wear or have excessive throat opening</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Cooling system free from leaks</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Platform and walkway anti-skid surfaces not defective and are free of slippery substances.</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Battery – adequate fluid, corrosion free, connector tight</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Lubrication-oil, coolant and hydraulic reservoirs at proper level</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Sheaves, drums, rigging hardware, and attachments free from defects.</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Locking mechanisms, limit switches, safety devices, hydraulic cylinders free from defects</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Guardrails, handholds, and steps secure</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Welding Unit operational and secure</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Turntable/turret free from cracks, loose or missing bolts, and flaking paint</p> <p>Boom and Jib</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Boom and Jib straight and free from physical damage</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Attachments connected to cords and lacing free from corrosion</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Paint on boom and jib is not cracked or flaking due to metal fatigue</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Lacing on lattice boom is not bent</p> <p>Outriggers</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Beams or cylinders, including welds, are not distorted or cracked</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Beams marked to indicate when fully extended</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Floats securely attached and not damaged</p>	<p>General</p> <p>S U NA</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Operator's manual and load charts present</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Cab is clean and free of clutter</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Controls are labeled and return to neutral when released (unless) designed otherwise)</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Glass is not broken, cracked, or distorted</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Gauges and warning lights operable</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Signal horn and back-up alarm working</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Service/parking brakes operate properly</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Lights, windshield wipers, and steering operate properly</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Seat securely attached and cab doors swings out and is free from defects.</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Fire extinguisher accessible and at least a 5BC rating</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Operating speed, hazard warnings, instructions posted and visible to operator</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Other:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: center;">Operational</p> <p>General</p> <p>S U NA</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Outrigger beams and cylinders extend and retract smoothly and hold load</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Brakes and clutches are properly adjusted and operate correctly</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Boom hoist kickout, anti-two-block, load moment indicator, and other operator aids calibrated and operate properly</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> All gauges and warning lights are functioning properly</p> <p><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> All other controls perform intended functions</p> <p>Other:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

Legend: S = Satisfactory, U = Unsatisfactory, NA = Not Applicable

Comments/ Remarks: _____

Inspector's Name: _____

Inspector's Signature: _____

Date: _____