

# REPORT

## OF THOROUGH EXAMINATION

### TOWER CRANE



Issued By:



Date of Issue: 16-04-2025

ReportNo.: JO-10325/1

ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe! ThinkSafe!

This equipment certificate complies with the requirements of Emirates International Accreditation Centre for inspection bodies working in the field of Lifting Equipment and Lifting Accessories (EIAC-RQ-IB-002) and reference standard BS 7121-1-2012, BS 7121-5-2012 and Manufacturer's Specification.

Owner Name: Mr. Wimalaratne K.A / Mr. Sahadevan

Office Address: P.O.Box: 25948

Dubai

United Arab Emirates

Equipment Location: Near Outlet Mall

INSPECTION DETAILS				
Date of Inspection:	16-04-2025	Expiry Date:	16-04-2025	
Inspection Type:	THOROUGH			
Previous Inspection Report:	djxj	Last Proof Load Test:	16-04-2025	
Test Method	CSI-19C	Calibrated Test Equipment:	dh	
		Client Test Equipment:	djd	
EQUIPMENT INFORMATION				
Equipment Description:	hddh			
ID & Serial No.:	hdd	Wire Rope Ø (Dia.):	9	
Model / Registration No.:	hddh	No. of Falls:	8	
Equipment Type:	jdhd	LMI Make & Type:	dhdh	
Equipment Manufacturer:	hdhd	Auxiliary Wire Rope Ø (Dia.):	8	
Manufacture Year:	16-04-2025	Maximum Crane Capacity:	8	
SAFE WORKING LOAD AS PER LOAD CHART				
In the case of Crane with variable operating radius, the safe working load at various radii shall be given.  Test loads at various radii should be given in column (II) and NIL in the case of a safe working load which has been calculated without the application of a test load.  *1000 Kgs. = 1.1 Ton (Short US) *1000 Kgs. = 1.0 Tonne	(I)	(II)	(III)	(IV)
	Length of Jib / Boom (Meters)	Radius (Meters)	Test Load (Tonne)	Safe Working Load (Tonne)
	6	5	4	3
1. Is it the first examination after installation or assembly at a new location?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
2. If the answer to the above question is yes, then has the equipment been installed correctly?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
3. Was the inspection carried out in accordance with an examination scheme?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
The owner shall perform the next inspection no later than 6 Months From the date of issue.				

This is to certify that the above item/s described in this certificate was tested and particulars are correct.

CSSC has inventoried, inspected, verified and tested above mentioned equipment in accordance with the reference standards cited herein and consistent with CSSC policies and procedure. We certify this above mentioned equipment is **SAFE TO USE**, condition prevails at the time of this inspection, safe to use further with qualified operator. That the owner or his designated agent or contractor, hereafter owner, continues to perform maintenance in accordance with the original equipment manufacturer's preventive maintenance guideline and procedures and makes no unauthorized changes to the equipment's controls and mechanisms. CSSC makes no claims regarding the condition or safety of the equipment after we have completed this inspection and departed the property. CSSC disclaims any warranty of any kind either expressed or implied including without limitation warranties of merchantability or fitness for a particular purpose. This certificate becomes invalid in the event of any repair or alterations are done, in which case it must be retested.

All the information obtained /gathered during the inspection shall be preserved as confidential.

This inspection has been carried out as per local order no. : 2/2010;

This inspection certificate / report shall not be reproduced except in full without the approval of Claymore and the Client.

Inspected By: Maricris Barro Elcano

Name & Signature of Inspector

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ReportNo.: **JO-10325/1**

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EXAMINATION REPORT						
EQUIPMENT PARTS		S	NS	NA	SE	REMARKS
Document verification						
01	Equipment manual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
02	Maintenance log sheet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
03	Operator license and Competency Certificate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
04	NDT Certificate for hook	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
05	Torque Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cabin						
06	General condition of cabin	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
07	Marking & identification of SWL & serial number or ID	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
08	Load chart in English	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
09	Control operating levers & markings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ballast & Counter Weights:						
10	Ballast weights condition & it's fitting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	Foundation condition & Certificate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	Counter weights condition & it's fitting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	Rail condition, chassis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mast						
14	Section	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	Interlocking system	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	Supports / Intersection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	Connecting Bolts and pins	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	Mast Verticality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	Paint Work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	Ladder condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	Rest platform	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Boom						
23	Man Trolley condition & Mechanical interlock device	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	Section, Chord, Lacing & Safety Life Line	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	Connecting Bolts and pins	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	Bridle Pendant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	Trolley Limit Switch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Luffing hoist machinery						
28	Derricking control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	Derricking interlock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
30	Jib Mechanical Load Indicator	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
31	Max & min jib limit switch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hoist System						
32	Hoist brake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
33	Hoist wire termination & its condition (at jib & drum)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
34	Whip line termination & its condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
35	Min. 3 full wraps of wire rope on drum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
36	Sheaves / brackets and pins	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
37	Upper / lower limit safety switch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
38	Hook block condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Super structure turn table						
39	Swing control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
40	Swing manual lock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
41	Swing brake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
General condition						
42	Illegal welding at boom/mast (if any)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
43	Deformation (if any)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
44	Fire extinguisher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
45	Electrical supply, Lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
46	Grounding & Earthing condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
47	ELCB	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
48	Warning signs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Load test						
49	SWL (100%)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
50	Overload system (110%)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
51	Proof load & its stabilities (125%)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

S-Satisfactory, NS-Not Satisfactory, NA-Not Applicable, SE-Serviceable • Finding • Critical Finding

Finding: sujs	Critical Finding: hssu	Other Remarks: zjhz
Target Date of Closure: 20-04-2025	Target Date of Closure: 18-04-2025	

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## PHOTOS OF INSPECTED TOWER CRANE

