

CERTIFICATE OF THOROUGH EXAMINATION ELEVATOR



Issued By:



Date of Issue: 28-03-2025

CertificateNo.: **JO-10802/1**

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), reference standard BSEN 81-72:2015/ BSEN 81-20:2020, ISO 4344:2004 And Manufacturer's Specification.

Owner Name: Mr. Balaji / Mr. Kamal
Office Address: P.O. Box 61274
Dubai
United Arab Emirates
Equipment Location: Jebel Ali

INSPECTION DETAILS			
Date of Inspection:	28-03-2025	Expiry Date:	28-03-2025
Inspection Type:	PERIODIC		
Previous Inspection Report:	dhhd	Last Proof Load Test:	28-03-2025
Test Method	sdbdx	Calibrated Test Equipment:	snbss
		Client Test Equipment:	sbhs
EQUIPMENT INFORMATION			
Equipment Description:	shgs		
ID & Serial No.:	shsg	Speed:	9
Model	dnbd	No. of Stops:	8
Equipment Type:	djjd	Wire Rope Dia./Belt type size & No. of Falls:	dnbxx
Equipment Manufacturer:	dbbdkc	Ratio:	5
Manufacture Year:	28-03-2025	SWL/No. of Person Allowed:	dhhd
Make & Types of Governor:	ndnd	Load Test Applied	9
Tripping Speed / Wire Dia.	8		
1. Is this the first examination after installation or assembly at a new location?		☒ Yes ☐ No	
2. If the answer to the above question is Yes, then has the equipment been installed correctly?		☒ Yes ☐ No	
3. Was the inspection carried out in accordance with an examination scheme?		☐ Yes ☒ No	
The owner shall perform the next inspection no later than 3 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** 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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EXAMINATION REPORT

Documents Verification:						
		S	NS	NA	SE	REMARKS
EQUIPMENT PARTS						
1.	Previous inspection report	☒	☐	☐	☐	
2.	Maintenance log sheet (7.3 pages 146)	☒	☐	☐	☐	
3.	Mfg. Manual & technical instruction (7.2 pages 146)	☒	☐	☐	☐	
Machine Room						
4.	Isolator / Main Breaker identifiable & lockable (LOTO) 5.10.5 pages120 check the electric shock graphic symbol & "some parts are remain live "label	☒	☐	☐	☐	
5.	Earthing test (0.5 ohms) 5.10.9 req.HD 60364-4-41:2007,411.3.1.1 apply/ As per DEWA pages-49 Clause 5.2.6	☒	☐	☐	☐	
6.	Insulation test (250v $\geq$ 0.05 M Ω , $\leq$ 500v $\geq$ 1.0M Ω EN 60204-1:2006 clause 18.2-Pages 92 5.10.1.3.pages 118	☒	☐	☐	☐	
7.	Electrical layout & its termination, trunk lines, marking	☒	☐	☐	☐	
8.	Phase reversal protection 5.11.1.1.pages124(j)	☒	☐	☐	☐	
9.	Voltage verification ($\pm$ 10% as per DEWA local requirements)	☒	☐	☐	☐	
10.	Independent car lighting ELCB/5.10.5.1.1pages 120,121(a)	☒	☐	☐	☐	
11.	Inspection control condition(5.12.1.5 pages 130)	☒	☐	☐	☐	
12.	Machine room condition, door & Label, Traction Area Access "Access forbidden to unauthorized persons" pages 28, Clause 5.2.4.	☒	☐	☐	☐	
13.	Machine room condition (A/C, lighting, tidy) (5 – 40°C & 200 lux) Machine rm. Height –Min 2.1 m at work area, 5.2.6.6.3pages42 atleast 200 lux	☒	☐	☐	☐	
14.	Fire Extinguisher / sprinkle system	☒	☐	☐	☐	
15.	Wire rope & termination condition, rope guide/Rope retainer Allow reduction 6%, (ex. 10/1.06=9.433mm) broken wire>=4 on strand,10 per lay 2/3strand & >30 per lay random distributed. Rope Termination 1) ferrule secured eyesEN13411-3 2) self-tightening wedge type EN 13411-6-7 3) swage terminal EN 13411-8 5.5.7.2 pages 79 rope retainer(if belt type refer as per manufacturer manual)	☒	☐	☐	☐	
16.	Sheave & pulley condition 5.5.2.1pages76 The ratio between pitch diameter of sheaves, pulleys or drums & the nominal diameter of suspension ropes shall be atleast 40, regardless of the no. of strands Of suspension ropes. 5.5.2.2 Safety factor suspension means shall not less than: 12 in in the case traction drive w/3or more, 16 in in the case t/d w/ 2 rope, 12 in in the case of drum drive & hydraulic lift w/rope, 10 in in the case of chain	☒	☐	☐	☐	
17.	Brake system with & without safe working load 5.9.2.2 pages103 Rated Speed w rated load plus 25%	☒	☐	☐	☐	
18.	Governor system (TS=115% of Rated Speed) 5.6.2.2 pages 83 Response time max distance between tripping points atleast 250mm (EN 81-50:2014,5.3.2.3.1) 5.6.2.2.1.2 p84 a) shall be of the progressive type b) may be of the instantaneous type if the rated speed of the lift does not exceed 0.63 m/s	☒	☐	☐	☐	
	The ratio between pitch diameter of the pulleys for the overspeed governor rope & the nominal rope diameter shall be atleast 30.clause 5.6.2.2.1.3 pages 84	☒	☐	☐	☐	
19.	=Ascending car over-speed protection device operational test (5.6.6)pages91 5.6 pages80 precautions against a)free fall, b)excessive speed either downwards or up & down in case traction lift, c) unintended car movement, d) in case hydraulic lifts, creeping from landing level 5.6.1.3 =Protection means against unintended car movement away from landing(5.6.7)pages925.6.7.5 the stopping distance shall not exceed 1,2mfrom the landing detected	☒	☐	☐	☐	
20.	Slippage test (shall be less than 50mm) As per procedure 9.5.1 pages 6	☒	☐	☐	☐	
22.	Tank condition	☒	☐	☐	☐	
23.	Hydraulic hoses	☒	☐	☐	☐	
24.	Plunger, check & relief valve, Re-leveling, Atleast $\pm$ 20mm hydraulic Drive Rupture valve stopping downward Vd plus 0.30m/s	☒	☐	☐	☐	
25.	Emergency landing device (ELD) battery system	☒	☐	☐	☐	
26.	Protection guard for moving parts 5.5.7pages78 a) bodily injury b) ropes/chain leaving the pulleys/sprockets if slack, c) the introduction of object between ropes/chains & pulleys/sprockets	☒	☐	☐	☐	
27.	Check the car upper & lower limit switches from control panel (5.12 pages129 final limit switches)	☒	☐	☐	☐	
28.	Floor condition	☒	☐	☐	☐	
29.	Traction lubrication & gear	☒	☐	☐	☐	
30.	Manual Lowering rescue instruction board 5.9.2.3.pages 105 a) a mechanical means where the manual effort to move the car to a landing does not exceed 150N, w/complies the ff: If the means of moving the car can be driven by the lift moving, then it shall be a smooth, spokeless wheel. *Visible/readable atleast English b) an electrical means 1) shall be able to move the car w/any load to an adjacent landing w/in 1 hour after a breakdown	☒	☐	☐	☐	
31.	Hook capacity / Hook tested	☒	☐	☐	☐	
32.	Motor runtime limiter(45 seconds prior to operate)	☒	☐	☐	☐	

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5.9.2.7 pages108						
33.	Flange support to floor hole (50mm height from floor opening) 5.2.6.3.3 pages43 other openings w/aim of removing danger of object falling through opening situated above well, including those for electric cables, ferrules shall be used, w/c project atleast 50mm above the slab or finished floor	☒	☐	☐	☐	
Cabin						
34.	Cabin condition	☐	☒	☐	☐	
35.	Emergency Light(5 lux)for1 hour 5.4.10.4, Light (100 lux), Fan/ventilation 5.4.9, Alarm, l'com (5.12.3pages137), 5.4.10 lighting 5.4.10.1atleast 100 lux on the control device & 1 M above the floor at any point not less than100mm from any wall Ventilation (5. 4.9.2.pages74) The effective area of ventilation apertures situated in the upper part of the car shall be atleast 1% of the available car area, and the same also applies on for the apertures in the lower part of the car. The gaps round the car doors may be taken into account in the calculation of the area of ventilation holes, up to 50%of the required effective area.	☐	☒	☐	☐	
36.	Capacity instruction plate as per cabin area 5.4.2 pages63	☐	☒	☐	☐	
37.	Car door operation(atleast 6mm gap) vertical & horizontal 5.3.1.4pages49 when closed the clearance between door panels or between panels& upright, lintels or sills, shall not exceed 6mm	☐	☒	☐	☐	
38.	Reopening door device (safety edge/sensor)	☐	☒	☐	☐	
39.	Car operating panel condition	☐	☒	☐	☐	
40.	Car toe guard/apron (height atleast 0.75m) 5.4.5.2.pages 71,	☐	☒	☐	☐	
41.	Run by clearance – lift normal operation(35 mm)sill to sill 5.3.4.1pages50 Horizontal door clearance between sill of the car& sill of the landing doors shall not exceed 35mm 5.3.4.2pages50 horizontal distance giving access to the well between the leading edges of car door& landing doors on normal operation shall not exceed 0.12 m	☐	☒	☐	☐	
42.	Leveling between the sill's at all floor(±10mm) 5.12.1.1.4 pages 129 / 5.12.1.4pages 130	☐	☒	☐	☐	
43.	Hall call button operation	☐	☒	☐	☐	
Car Top, Hoist Way						
44.	Emergency device, Light and inspection switch/control 5.4.8 a) control device in conformity with 5.12.1.5(inspection oper) operable w/in0.30M horizontal from refuge space b) stopping device in conformity w/5.12.1.11accessible position & no more than 1M from the entry point. c) socket outlet in conformity w/5.10.7.2	☐	☒	☐	☐	
	Refuge tolerance clause 5.2..5.7 table 3 dimension of refuge in headroom	☐	☒	☐	☐	
	type	posture	pictogram	Horizontal dimension of the refuge space (m x m)	Height of the refuge space (m)	
	1	upright		0,40 x 0,50	2,00	
	2	crouching		0,50 x 0,70	1,00	
45.	Shaft Lights (atleast 50 lux)	☐	☒	☐	☐	
46.	Wire rope termination 5.5.2 pages 75,76	☐	☒	☐	☐	
47.	Hydraulic hose line	☐	☒	☐	☐	
48.	Ram & jack condition	☐	☒	☐	☐	
49.	Shaft condition	☐	☒	☐	☐	
50.	Landing door condition 5.3.6.2.2.1pages55 UUUUU-++-++ ave. closing speed 25mm centrally closing door. 50mm side closing door (atleast 150mm) cabin between car 5.3.8.1 protection against the risk of falling Unlocking zone shall not extend 0.20m above & below landing level (mech max.of 0.35 m)	☐	☒	☐	☐	
51.	Landing door electro-mechanical interlock (atleast 7mm mech/elect) 5.3.9.1.2 pages 58,59	☐	☒	☐	☐	
52.	Trap door 5.4.6 page70 (min clear opening 0.40x0.50m) preferable.50x0.70 m "Danger of falling –re close the trap door"5.2.4.2 pages 29	☐	☒	☐	☐	
53.	Access & emergency doors-access trap doors-inspection doors(5.2.3.1pages27) when the distance between consecutive landing door sills exceeds 11 m a) Intermediate access door b) adjacent cars each fitted with an emergency door provision for which is made in 5.4.6.2(dimension h 2.0m x w.60m).	☐	☒	☐	☐	
54.	Top & Run-by clearance / Balustrads 1.) No balustrade required but a toe –board 100m minimum heights 0.30 m wall to car 2) balustrade required 700mm min height & toe board min. height ≤0.50m 3) balustrade required 1100mm min height & toe board 100mm min height >50 m The horizontal distance between the outer edge of the handrail& any part of the well (cwt, or balancing weight, switches, rails, brackets, etc) shall be atleast 100mm 5.4.7.4. d pages72 car overhead clearance ≥0.30m	☐	☒	☐	☐	
55.	Counter weight condition 5.4.11.2 pages75shall be mounted in frame & secured w/in the frame	☐	☒	☐	☐	
56.	Car and CWT guide rail & guide shoes	☐	☒	☐	☐	
57.	Supporting structure including bolts & nuts	☐	☒	☐	☐	
58.	Upper limit switches& vertical striking frame	☐	☒	☐	☐	
Pit						

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59.	Pit condition, Pit Partition between elevator) "DANGER Access forbidden to unauthorized persons" 5.2.5.5.2 pages 34. Atleast 2.5Mtr from the lowest landing floor	☐	☒	☐	☐
60.	Pit Light (5 Lux), Ladder (atleast 150mm from wall) & Stop switch, CWT screen guard, buffer switches. Annex F pages158,159	☐	☒	☐	☐
61.	Car & CWT buffer condition (height not less than 300mm) 5.8.1.1page100,an obstacle(s)fixed to the counterweight where a screen according to 5.2.5.5.1 is extended to not more than 0.30 m from the pit floor to the lowest part of the screen Page 38	☐	☒	☐	☐
62.	Run by Clearance for c/w (Atleast 50 mm) 5.2.5.6.1.1.TABLE 2 Pages 35	☐	☒	☐	☐
63.	Safety Gear clutch	☐	☒	☐	☐
64.	Governor tension weight condition 5.5.7 pages 78 table 10 protection for sheaves, pulleys & sprockets	☐	☒	☐	☐
65.	Firemen system	☐	☒	☐	☐
Load test					
66.	Over load system) (5.12.1.2.2 pages129 rated load exceeded by 10% w/min of 75kg	☐	☒	☐	☐
67.	Dynamic load (110%)	☐	☒	☐	☐
68.	Static Load (125%)	☐	☒	☐	☐
69.	Balance check (To be done during initial test or major modification in rated load or mass of the car) 50% of RATED LOAD then must be bring to mid part of the building where the car & cwt on same level. Then open brake the car & cwt shall not move if properly balance	☐	☒	☐	☐

S-Satisfactory, NS-Not Satisfactory, NA-Not Applicable, SE-Serviceable ♦ **Finding** ● **Critical Finding**

Finding:	Critical Finding:	Other Remarks:
Target Date of Closure:	Target Date of Closure:	

PHOTOS OF INSPECTED ELEVATOR

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