

Thorough Examination Certificate For Electrical Overhead Crane

(eot)

Company Name:	China Energy Engineering Group Tianjin Electric Power Construction Co Ltd Dubai Branch	Contact Person	Fahad	Contact Number	0505823995
Project Name	Hassyan Clean Coal Power Plant - Phase 1 (4x600mw Net)	Location	Dubai, Jebel Ali, Hassyan Clean Coal Power Plant	Inspector name	Aamir Hassan
Inspection Item	Electrical Overhead Crane (eot)	Date of Inspection	2020-12-21	Date of Expiry	2021-12-20
Certificate Number	BSS-425	Type of Inspection	Periodic Inspection	Status	Safe
Location Details	Hassyan Clean Coal Power Plant Dubai	Revision	0	Workorder	221

Overhead Crane-Description			
Manufacturer	Eurocrane	Model / Type	FHDG 16/5-33A3
Identification Number	1705356	Identification number(User)	N/a
Manufacturing date	2017	Girders type	Double
Span length	33 m	Runway length	78 m
Allowable deflection	44 mm	Measured deflection	22 mm
Wire rope diameter	15mm (main hook). 11mm (auxiliary hook)	Nos of wire rope falls	4 falls (main). 2 falls (auxiliary)
Operating Height	26.6m	Safe Working Load	16 t (main) and 5 t (auxiliary)
Load test applied	16 t (main) and 5 t (auxiliary)	Inspection equipments	Mt-35, Ldm-35, Dc-36, Vt-01, Lc-02
Environment conditions	Good	Any major repair if found / detail	N/a
Sub-contract Parts	N/a	Previous inspection date	14.01.2020
Additional comments	Preventive maintenance to be done weekly	NDT test (report number) if any	N/a
Accredited Standard	BS 7121-2-1 : 2012 , BS 7121-2-7 :2012+A1:2015		
Defects			
defect description	N/a		

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Safe TO USE

and that the particular details are correct.

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The item/equipment should be re-tested in case of any major repair and/or althervation at the above details/description.

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Inspection Details

Overhead Crane-checklist summery	
Support condition	Safe
Runways condition	Safe
Electrical system	Safe
Cross travel motion	Safe
Crab	Safe
Hoist motor & Break	Safe
Cross / long travel motors and breaks	Safe
Screws, nuts and locks	Safe
End carriage	Safe
Walkways	Safe
Safety access	Safe
mechanical stopper	Safe
Motion limits	Safe
Overload limit switch and indicator	Safe
Wire rope	Safe
Casing & covers	Safe

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