



# B SAFE SAFETY & SECURITY CONSULTANCY

## INSPECTION, TRAINING, CONSULTANTS

### 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 Power Plant	Inspector name	Aamir Hassan
Inspection Item	Electrical Overhead Crane (eot)	Date of Inspection	2020-12-23	Date of Expiry	2021-12-22
Certificate Number	BSS-509	Type of Inspection	Periodic Inspection	Status	Safe
Location Details	Hassyan Clean Coal Power Plant Dubai	Revision	0	Workorder	250

Overhead Crane-Description			
Manufacturer	Kerun	Model / Type	MDG60-42A5
Identification Number	M201703	Identification number(User)	HWDBHSY-MCY-23
Manufacturing date	06.2017	Girders type	Double
Span length	42m	Runway length	200m
Allowable deflection	56mm	Measured deflection	32 mm
Wire rope diameter	22 mm (main) & 14 mm (auxiliary)	Nos of wire rope falls	12 (main) & 4 (auxiliary)
Operating Height	17m	Safe Working Load	60 ton
Load test applied	60 ton	Inspection equipments	DC-36, LDM-35, MT-35, LC-01, ANM-01, SL-03
Environment conditions	Good	Any major repair if found / detail	N/a
Sub-contract Parts	N/a	Previous inspection date	04.12.2020(bsafe)
Additional comments	Gantry type. 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.

*B Safe is a third party inspection Type A Inspection Body*

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

ENG. Aamir Hassan



Deputy Technical Manager  
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ENG-CH-36/V3/2020-12-19

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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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