

Thorough Examination Report For Electrical Overhead Crane (eot)

Company Name:	China Energy Engineering Group Tianjin Electric Power Construction Co Ltd Dubai Branch	Contact Person	Mr	Contact Number	0505823995
Project Name	Hassyan Site	Location	Dubai, Al Barsha, Hassyan	Inspector name	Usman Amjad
Inspection Item	Electrical Overhead Crane (eot)	Date of Inspection	2020-12-16	Date of Expiry	NA
Certificate Number	BSS-63	Type of Inspection	Periodic Inspection	Status	Unsafe
Location Details		Revision	0	Workorder	95

Overhead Crane-Description

Manufacturer	EUROCRANE	Model / Type	FWD 50/10-14A3
Identification Number	1705355	Identification number(User)	N/A
Manufacturing date	12.2017	Girders type	Double girder top running
Span length	14m	Runway length	87730mm
Allowable deflection	N/A	Measured deflection	N/A
Wire rope diameter	18mm & 11mm	Nos of wire rope falls	8 falls & 4 falls
Operating Height	33m	Safe Working Load	50 ton & 10 tons
Load test applied	N/A	Inspection equipments	MT,DC,AM,VT
Environment conditions	Clear	Any major repair if found / detail	N/A
Sub-contract Parts	N/A	Previous inspection date	13/01/2020
Additional comments	SPAN TRAVELLING IS NOT SMOOTH DURING INSPECTION REPAIR IS REQUIRED FOR SPAN TREVELLING MOTORS.	NDT test (report number) if any	N/A
Accredited Standard	BS 7121-2-1 : 2012 , BS 7121-2-7 :2012+A1:2015		

Overhead Crane-defects

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Unsafe 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 altharnation at the above details/description.

Deputy Technical Manager
ENG. Usman Amjad



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ENG-CH-36/V2/2020-12-16

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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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Inspection Images



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