



**CERTIFICATE OF TEST / THOROUGH EXAMINATION OF MOBILE CRANE
IN-SERVICE INSPECTION**

Identification No.: RK/FEB22/095	Our Ref. No: RK 1165	Date of inspection : 08/02/2022
Crane details		Date of issue : 11/02/2022
Name and Address of the Owner:	TRUCK OMAN EQUIPMENT RENTAL	
Make & Date of Manufacture:	TADANO ; 2015	
Location of Inspection:	Wadi Musallam (Rig-58)	
Internationally accepted Ref. Standard:	BS 7121-2-1:2012, BS 7121-2-3:2012, BS 7121-3-2017+A1-2019, BS ISO 4309:2017	
Specification of Regional Regulatory Authority	PDO SP-2275:2021	
Registration No. & Owner No.:	Reg.no.: 8668 HA & Owner no.: PLM-1497	
Model and Serial No.:	Model: GR-500 EXL & Sr. No.: 541330	
Date of previous Inspection / Cert. No:	15/02/2021 & Cert.No.: K/46008/21/02/01 (STS)	
Date of Inspection :	08/02/2022	
Date of next Inspection :	07/02/2023	
Availability OEM certificate	Available	
Availability of operations manual in cab:	Available	
Availability of load Chart in cab:	Available	
Availability of daily check report:	Available	
Main hoist wire rope diameter and condition	16 mm & Satisfactory	
Main hoist wire rope certificate No:	DW-7027/01 (KISWIRE)	
Auxiliary wire rope diameter and condition	Not available	
Auxiliary wire rope certificate No:	Not available	

Crane Description	Crane type	Maximum SWL	Range of Boom length	Fly Jib length	Counter weight (if applicable)
Mobile crane	Rough Terrain-Mobile Telescopic	51.0 T	11.1 mtr to 42.0 mtr	Not Fitted	Fixed

Crane present configuration at the time of inspection:			Boom length (m)	Radius (m)	Applied load (Ton)	Safe working load (Ton)
	Main hoist	Minimum	11.1	2.5	nil	51.0
		Intermediate	18.8	7.5	13.0	13.0
		Maximum	42.0	18.0	nil	4.5
	Auxiliary hoist		-	-	-	-

1. Conclusion : Fit for its intended use

Approved by GM/OM/TM,

Name & signature : Jahan Pourjahangiri

Inspected by,

Name & signature : Rishad K A

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Rev no. 02

Rev Date: 07.01.2021

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2. Annexure of certificate of thorough examination of mobile crane

Identification No : RK/FEB22/095		Our Ref. No : RK 1165	Date of inspection : 08/02/2022
			Date of issue : 11/02/2022
Description	Condition	Remarks	
Safe load indicator/calibration verified	✓		
Level indicator / Boom Angle indicator	✓		
Telescopic boom extensions/ Boom pads/ Rope guides	✓		
Lattice boom sections/Connecting pins/Boom back stops	-	Not Applicable	
Mast and its attachments	-	Not Applicable	
Pendant ropes	-	Not Applicable	
Fly Jib / Luffing jib/ Derricking interlock security	-	Not Fitted	
Main hoist winch/ Hoist drum / Correct spooling	✓		
Main hoist wire ropes and termination	✓		
Auxiliary hoist winch/ Hoist drum / Correct spooling	-	Not Fitted	
Auxiliary wire ropes and termination	-	Not Fitted	
Counterweight and its locking mechanism	✓		
Access ladders/Walkways/Hand & guard rails	✓		
Outriggers / beams / jacks / pads	✓		
Tires / rims / wheel bolts	✓		
Crawler Tracks/Track shoe	-	Not Applicable	
Swing machinery / Swing alarm / Swing lock	✓		
Hook block system/Safety catch	✓		
Sheaves (Boom & Hook)	✓		
Operator cab/ Control levers /Wind shields / Mirrors	✓		
Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)	✓		
Proximity switches	-	Not Installed	
All fasteners /Bolts / Safety pins	✓		
Electrical System	✓		
Hydraulic System	✓		
Caution rotary light	✓		
Reverse Horn / Light	✓		
Fire extinguisher	✓		
Anemometer (if fitted or hand held)	-	Not Fitted	
General condition (structural integrity/functionality)	✓		
Display marking (SWL / tire pressure/ insp. date/due date)	✓		

3. General comment : The above mentioned conditions found satisfactory, at the time of inspection.
Fit for its intended use

Approved by GM/OM/TM,

Name & signature : Jahan Pourjahangiri

Inspected by,

Name & signature : Rishad KA

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Magnetic Particle Testing Report

Date	08/02/2022	OUR JOB #	RK 1165	Certificate No.	RK/JAN22/096
Client	TRUCK OMAN EQUIPMENT RENTAL Sultanate of Oman				
Project	N/A				
Item	Crane Lifting Hook (Main)				
Job Location	Wadi Musallam				
Weld Id	-	Drg/Iso Number	-		
Weld Type	-	Diameter	-		
Material	CS	Surface Condition	AS CLEANED		
Weld Thickness	VARIOUS	Test temperature	Ambient		
Heat Treatment status	-	Technique	Wet Visible Magnetic Particle		
Procedure Code	ASME SEC V / ASTM E 709	Equipment	Magnaflux Yoke		
Acceptance Criteria	ASME SEC VIII / ASTM E 709/ AWS D1.1	Background	Magnaflux WCP 2		
Welder ID	-	Detecting media	Magnaflux 7HF		
Welding Process	-	Sensitivity	Burmah castrol strip		

Crane Reg. No. : 8668 HA	
Owner No. : PLM-1497	
Main Hook	ID No. : FT-1-3-15

MPI on the Crane Lifting Hook critical areas (Main)



Comment: No linear indication has found on the Hooks critical area,
All critical areas are found Satisfactory at the time of inspection.

Result: Accepted

Name of the Inspector : Rishad K.A

ASNT Level 2

Signature:



Certificate Validity 12 months from date of inspection.

Due Date : 07/02/2023

NDT/MT/001 REV.2

