



شركة الخدمات الفنية لملاوراء البحار ش.م.م.
OVERSEAS TECHNICAL INSPECTION SERVICES LLC

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

Identification No.: VK/SEP 21/021	Our Ref. No: VK 0194	Date of inspection : 13/09/2021
Crane details	Date of issue : 21/09/2021	
Name and Address of the Owner:	TRUCK OMAN LLC	
Make & Date of Manufacture:	GROVE	
Location of Inspection:	Al huwaisiya, Yibal(Hoist-51)	
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.:	4432 YS & PLM 1488	
Model and Serial No.:	RT 540 E & 258584	
Date of previous Inspection / Cert. No:	02/09/2020 & O/44487/20/09/01(STS)	
Date of Inspection :	13/09/2021	
Date of next Inspection :	12/09/2022	
Availability OEM certificate	Prev. 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:	1AP2560 (278 KN)	
Auxiliary wire rope diameter and condition	Not Fitted.	
Auxiliary wire rope certificate No:	---	

Crane Description	Crane type	Maximum SWL	Range of Boom length	Fly Jib length	Counter weight (if applicable)
Mobile Crane Telescopic Crane	Rough Terrain	35 Tonne	9.8 m to 31.0 m	Not fitted	Fixed

Crane present configuration at the time of inspection: Boom Length: 9.8 mtr Radius : 2.5mtr SWL: 31.7 T Boom 16 mm @ 06 no. of falls			Boom length (Mtr)	Radius (Mtr)	Applied load (Tone)	Safe working load (Tone)
	Main hoist	Minimum	9.8	2.5	Nil	35.0
		Intermediate	21.3	7.0	12.0	12.6
		Maximum	31.0	18	Nil	3.1
	Auxiliary hoist		---	---	---	---

1. Conclusion: FIT FOR ITS INTENDED USE

Approved by GM/OM/TM

Name & signature: Jahan Pourjahangiri

OTIS/CERT/MC/01

Rev no. 02

Rev Date: 07.01.2021

Inspected by,

Name & signature: Vineeth K

Page 1 of 2





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2. Annexure of certificate of thorough examination of mobile crane

Identification No.: VK/SEP 21/021		Our Ref. No: VK 0194	Date of inspection : 13/09/2021
			Date of issue : 21/09/2021
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	N/A		
Mast and its attachments	N/A		
Pendant ropes	N/A		
Fly Jib / Luffing jib/ Derricking interlock security		Not Fitted.	
Main hoist winch/ Hoist drum / Correct spooling	✓		
Main hoist wire ropes and termination	✓	16 mm x 06 no. of falls	
Auxiliary hoist winch/ Hoist drum / Correct spooling	✓		
Auxiliary wire ropes and termination	✓		
Counterweight and its locking mechanism	✓		
Access ladders/Walkways/Hand & guard rails	✓		
Outriggers / beams / jacks / pads	✓		
Tires / rims / wheel bolts	✓		
Crawler Tracks/Track shoe	N/A		
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	N/A		
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:

Approved by GM/OM/TM

Name & signature: Jahan Pourjahangiri

Inspected by,

Name & signature: Vineeth K

OTIS/CERT/MC/01

Rev no. 02

Rev Date: 07.01.2021

Page 2 of 2





Magnetic Particle Testing Report

Date	13/09/2021	OUR JOB #	VK 0194	Certificate No.	VK/SEP 21/029
Client	TRUCKOMAN LLC Sultanate of Oman				
Project	---				
Item	Crane Hook				
Job Location	Al huwaisiya(Hoist-51)				
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 Particles		
Procedure Code	ASME VI/ ASTM E 709	Equipment	Magnaflux Yoke		
Acceptance Criteria	ASME VI/ ASTM E 709, AWS D1.1	Background	Magnaflux WCP 2		
Welder ID	-	Detecting media	Magnaflux 7HF		
Welding Process	-	Sensitivity	Burmahcastrol strip		

Crane Details	Main hook details
Crane Reg.No.: 4432 YS Crane Owner No.: PLM-1488	Hook Id.No.: T12 F-BF 103

MPI on the full hook body



No linear indication has found on the hook body,
and found Satisfactory at the time of Inspection.

Name of the Inspector: **Vineeth K**

Certificate Validity 12 months from the date of inspection.

Signature:



Expiry Date: **12/09/2022**

