



# الشركة الفنية لخدمات السلامة والفحص الفني ش.م.م. SAFETY TECHNICAL SERVICES AND INSPECTIONS

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P.O. Box 3288, Airport Heights P.C. 111, Sultanate of Oman.



AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

## CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE

Certificate No: O/44490/20/09/02

Date of Inspection: 06/09/2020

<b>Crane details</b>						
Name and Address of the Owner:		TRUCK OMAN NORTH				
Make & Date of Manufacture:		GROVE MANITOWOC 2015				
Location of Inspection:		ADAM				
Ref. Standard:		BS7121-2-3 SP2275				
Registration No. & Owner No.:		3052 HK ,TO-2564				
Model and Serial No.:		GMK 4100-L, 41005780				
Date of previous inspection / cert. No:		24/02/2020; A/42624/20/02/01				
<b>Date of next inspection and testing :</b>		05/09/2021				
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		17mm ; Satisfactory				
Main hoist wire rope certificate No:		AZ/RT/20/02/26741 ( MBL 283.3 KN )				
Auxiliary wire rope diameter and condition		Not Fitted				
Auxiliary wire rope certificate No:		Not Available				
<b>Crane Description</b>	<b>Crane type</b>	<b>Maximum SWL</b>	<b>Range of Boom length</b>	<b>Fly Jib length</b>	<b>Counter weight (if applicable)</b>	
Diesel powered, hydraulically operated telescopic boom	All Terrain	85 t @ 16 Falls	11.65 m TO 60m	17 m	26.1t	
<b>Crane present configuration at the time of inspection:</b>		<b>Boom length</b>	<b>Radius</b>	<b>Applied load (Tonne)</b>	<b>Safe working load (Tonne)</b>	
SWL @ No of falls: 57 t @ 10 Falls						
counter weight: 26.1 t						
Main hook/Aux hook SWL: 63T / Not Fitted						
Main hook SL no: R0123						
Aux hook SL No: Not Available						
		<b>Minimum</b>	11.65m	5m	---	52.5t
		<b>Intermediate</b>	19.09m	6m	17.5t	17.5t
		<b>Maximum</b>	60m	48m	0.9t	0.9t
		<b>Auxiliary hoist (where applicable)</b>	N/A			
<b>Conclusion:</b> Fit for its intended use at the time of examination. Refer General Comment finding in checklist.						
<i>This certificate becomes invalid if any Alteration/Major Repair and modification is done.</i> This is to certify that the undersigned competent representative, did attend to examine the item described above in accordance to the aforementioned standard. At the time of inspection, the said item were found to be free from flaws, deformations or other defects. The equipment is satisfactory for its intended use within the limits specified and at the time of inspection was found to be satisfactory for further use, provided there is continuous maintenance applied, qualified operators employed and implementation of our remarks and recommendations.						

Approved by, Name & Signature: Mr. Gishin Thomas.

Inspected by, Name & Signature: Madhu Pillai




Ref: STSI-FMT-05 Rev.00 Date: 18.02.2020

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### Annexure of certificate of thorough examination of mobile crane

Certificate No: O/44490/20/09/02

Date of Inspection: 06/09/2020

Description	Condition	Remarks
Safe load indicator/calibration verified	S	
Level indicator / Boom Angle indicator	S	
Telescopic boom extensions/Boom pads/Rope guides	S	
Lattice boom sections/Connecting pins/Boom back stops	NA	
Mast and its attachments	NA	
Pendant ropes	NA	
Fly Jib / Luffing jib/ Derricking interlocksecurity	NF	Not Stowed
Main hoist winch/ Hoist drum / Correct spooling	S	
Main hoist wire ropes and termination	S	
Auxiliary hoist winch/ Hoist drum / Correct spooling	NA	
Auxiliary wire ropes and termination	NA	
Counterweight and its locking mechanism	S	
Access ladders/Walkways/Hand & guard rails	S	
Outriggers/ beams / jacks / pads	S	
Tires / rims / wheel bolts	S	
Crawler Tracks/Track shoe	NA	
Swing machinery /Swing alarm / Swing lock	S	
Hook block system/Safety catch	S	
Sheaves(Boom & Hook)	S	
Operator cab/ Control levers /Wind shields/Mirrors	S	
Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)	S	
Proximity switches	NA	
All fasteners /Bolts / Safety pins	S	
Electrical System	S	
Hydraulic System	S	
Caution rotary light	S	
Reverse Horn / Light	S	
Fire extinguisher	S	
Anemometer(if fitted or hand held)	NF	Recommended To Hand Held
General condition (structural integrity/functionality)	S	
Display marking (SWL / tire pressure/ insp date/due date)	S	
S- Satisfactory NS-Not Satisfactory NA-Not applicable NF-Not Fitted NP-Not provided by OEM SC- See Comments		
Details of tools/equipments used: STS-VC-7949; STS-LD-63		
<b>General comments: Finding</b> -Crane currently fitted with RHLL rope, whereas OEM rope is LHLL (Ref cert 100871 Bridon 19/10/2015) - Recommend to check with manufacturer for the suitability.		

Approved by, Name & Signature: Mr. Gishin Thomas.

Inspected by, Name & Signature: Madhu Pillai



Ref: STSI-FMT-05 Rev.00 Date: 18.02.2020

The inspection certificate shall not be reproduced except in full without the approval of the inspection body and the client.  
Inspection is performed only related to the work ordered/the items or the lot inspected.  
For certificate authenticity and clarifications contact us at stsi@safetyoman.com

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