

**AN ISO/IEC 17020 ACCREDITED INSPECTION BODY**

**CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

**Certificate No: MP/48120/22/02/88**

**Date of Inspection: 09/02/2022**

Name and Address of the Owner:		TRUCK OMAN EQUIPMENT RENTAL				
Make & Date of Manufacture:		GROVE MANITOWOC 2013				
Location of Inspection:		HAIMA				
Ref. Standard:		BS 7121-2-3 SP 2275				
Registration No.& Owner No.:		4502 YM ; TO- 2552				
Model and Serial No.:		RT 9130 E-2 ; 233802				
Date of previous inspection / cert. No:		12/02/2021 ; K/46002/21/02/03				
<b>Date of next inspection and testing :</b>		<b>08/02/2023</b>				
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		19 mm Satisfactory				
Main hoist wire rope certificate No:		8657 (MBL-85,800 LBS)				
Auxiliary wire rope diameter and condition		N/A				
Auxiliary wire rope certificate No:		N/A				
Crane Description	Crane type	Maximum SWL	Range of Boom length	Fly Jib length	Counter weight (if applicable)	
Diesel powered, hydraulically operated telescopic boom	ROUGH TERRAIN	120t	12.8t to 48.6m	15m	18144 Kg	
<b>Crane present configuration at the time of inspection:</b> SWL @ No of falls: 59.2 t / 8 FALLS		Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)	
counter weight: 18144 Kg  Main hook/Aux hook SWL: 80t  Main hook SL no: 13-2388		Minimum	12.8m	6m	---	
		Main hoist	Intermediate	30.7m	20m	9.86t
			Maximum	48.6m	42m	1.86t
			Auxiliary hoist (where applicable)	---	---	---
<b>Conclusion:</b> Fit for its intended use at the time of examination.						
<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



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**Annexure of certificate of thorough examination of mobile crane**

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**Date of Inspection: 09/02/2022**

Status Legend: S- Satisfactory		NA-Not applicable		F-Findings	CF-Critical Findings	
No.	Description	Status	No.	Description		Status
1	Operations Manual/Catalogue	S	21	Swing machinery /Swing alarm / Swing lock		S
2	Monthly Inspection record	S	22	Hook block system/Safety catch		S
3	Maintenance records	S	23	Sheaves(Boom & Hook)		S
4	OEM Specification plate	S	24	Operator cab/ Control levers /Wind shields/Mirrors		S
5	Safe load indicator/calibration verified	S	25	Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)		S
6	Level indicator / Boom Angle indicator	S	26	Proximity switches		NA
7	Telescopic boom extensions/Rope guides	S	27	All fasteners /Bolts / Safety pins		S
8	Lattice boom sections/Connecting pins	NA	28	Electrical System		S
9	Mast and its attachments	NA	29	Hydraulic System		S
10	Pendant ropes	NA	30	Caution rotary light		S
11	Fly Jib / Derricking interlock security	S	31	Reverse Horn / Light		S
12	Main hoist winch/ Hoist drum / spooling	S	32	Fire extinguisher		S
13	Main hoist wire ropes and termination	S	33	Anemometer(if fitted or hand held)		F
14	Auxiliary hoist winch/ Hoist drum /spooling	NA	34	Full functional test		S
15	Auxiliary wire ropes and termination	NA	35	Rated load test		S
16	Counterweight and its locking mechanism	S	36	Overload test		NA
17	Access ladders/Walkways/Hand & guard rails	S	37	NDT(If applicable)		S
18	Outriggers/ beams / jacks / pads	S	38	Other Test (If applicable)		NA
19	Tires / rims / wheel bolts	S	39	Display marking (SWL / tire pressure/ dates)		S
20	Crawler Tracks/Track shoe	NA	40	General Condition		S

**Details of tools/equipments used:** STS-LD-65, STS-LD-75,80,73 LOAD CELL SP14813

**Findings/Critical Findings Report**

F/CF	No.	Remarks
	37	HOOK MPI DONE ON 09/02/2022 (REF: MP/48120/22/02/89)
F	33	Handheld Recommended

