



# 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: MP/48120/22/02/89

Date of Inspection: 09/02/2022

<b>Crane details</b>							
Name and Address of the Owner:		TRUCK OMAN EQUIPMENT RENTAL					
Make & Date of Manufacture:		GROVE MANITOWOC-2013					
Location of Inspection:		HAIMA					
Ref. Standard:		BS7121-2-3; SP2275					
Registration No.& Owner No.:		8142 YM; TO 2553					
Model and Serial No.:		RT9130 E-2; 233850					
Date of previous inspection / cert. No:		21/03/2020; MP/43661					
<b>Date of next inspection and testing :</b>		08/02/2023					
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		19 mm Satisfactory					
Main hoist wire rope certificate No:		9111					
Auxiliary wire rope diameter and condition		Not Available					
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	Rough Terrain	120t	12.8m To 48.6m	15m	18,144 Kg		
<b>Crane present configuration at the time of inspection:</b>		<b>Boom length (m)</b>	<b>Radius (m)</b>	<b>Applied load (Tonne)</b>	<b>Safe working load (Tonne)</b>		
SWL @ No of falls: 59.2t @ 8falls							
counter weight: 18144 Kg							
Main hook: 80t							
Main hook SL no: 13-3728							
		Main hoist	Minimum	12.8	6	---	59.2
			Intermediate	26.2	18	12.2	12.2
			Maximum	48.6	34	3.96	3.96
		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  
Mohammed Anaz



Thomas

Inspected by, Name & Signature:



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

**Certificate No: MP/48120/22/02/89**

**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	S	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)	NA
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)	F
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
<b>Details of tools/equipments used: STS-LD-51; STS-LD-59;</b>					
<b>Findings/Critical Findings Report</b>					
F/CF	No.	Remarks			
F	32	09/02/2022 (MP/48120/22/02/90)			