

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

**CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

**Certificate No: MP/48132/22/03/135**

**Date of Inspection: 05/03/2022**

<b>Crane details</b>							
Name and Address of the Owner:		TRUCK OMAN SOUTH					
Make & Date of Manufacture:		GROVE					
Location of Inspection:		NIMR BASE					
Ref. Standard:		BS 7121-2-3: SP 2275					
Registration No.& Owner No.:		185 YM; TO-2554					
Model and Serial No.:		RT540E-258667					
Date of previous inspection / cert. No:		16/03/2021; A/45929/16					
Date of next inspection and testing :		04/03/2023					
Availability OEM certificate		IN SERVICE EQUIPMENT					
Availability of operations manual in cab:		YES					
Availability of load Chart in cab:		YES					
Availability of daily check report:		YES					
Main hoist wire rope diameter and condition		16mm SATISFACTORY					
Main hoist wire rope certificate No:		DW/8008/06(MBC 251kN)					
Auxiliary wire rope diameter and condition		NOT APPLICABLE					
Auxiliary wire rope certificate No:		NOT APPLICABLE					
<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	35t @ 6 falls	9.8m TO 31m	N/A	FIXED		
<b>Crane present configuration at the time of inspection:</b>		<b>Boom length</b>	<b>Radius</b>	<b>Applied load</b>	<b>Safe working load</b>		
		<b>(m)</b>	<b>(m)</b>	<b>(Tonne)</b>	<b>load (Tonne)</b>		
SWL @ No of falls: 30t @ 6 falls Counter Weight: FIXED Main hook/Aux hook SWL: 40 t Main hook SL no: 6725 Aux hook SL No: NOT FIXED		Main hoist	Minimum	9.8	3.5	---	29
			Intermediate	15.2	8	11.6	11.6
			Maximum	31	28	0.935	0.935
		Auxiliary hoist (where applicable)		Not Applicable	Not Applicable	Not Applicable	Not 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

*Gishin Thomas*



*Madhu Pillai*

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

**Certificate No: MP/48132/22/03/135**

**Date of Inspection: 05/03/2022**

Status Legend: S- Satisfactory NA-Not applicable F-Findings CF-Critical Findings					
No.	Description	Status	No.	Description	Status
1	Operations Manual/Catalogue	F	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	S	29	Hydraulic System	S
10	Pendant ropes	NA	30	Caution rotary light	S
11	Fly Jib / Derricking interlock security	NA	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	S	34	Full functional test	S
15	Auxiliary wire ropes and termination	NA	35	Rated load test	S
16	Counterweight and its locking mechanism	NA	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:**

**Findings/Critical Findings Report**

F/CF	No.	Remarks
F	1	PROVIDE MANUAL/CATALOGUE
F	33	RECOMMENDED TO KEEP HAND HELD
F	32	05/31/2022

