

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

**CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

**Certificate No: MP/48147/22/04/04**

**Date of Inspection: 29/03/2022**

<b>Crane details</b>						
Name and Address of the Owner:		TRUCK OMAN (SOUNTH)				
Make & Date of Manufacture:		GROVE ; 2013				
Location of Inspection:		NIMR				
Ref. Standard:		BS 7121-2-3; SP 2275				
Registration No.& Owner No.:		185 YM ; TO-2554				
Model and Serial No.:		RT 540 E ; 258667				
Date of previous inspection / cert. No:		16/03/2021; A/45929/21/03/14				
<b>Date of next inspection and testing :</b>		28/03/2023				
Availability OEM certificate		In service crane				
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 (MBL-251KN); 17/2019				
Auxiliary wire rope diameter and condition		Not Applicable				
Auxiliary wire rope certificate No:		Not Applicable				
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	35t	9.8m to 31m	N/A	fixed	
<b>Crane present configuration at the time of inspection:</b>		Minimum	Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)
SWL @ No of falls: 30t @ 6falls		Intermediate	9.8	3.5	---	29
counter weight: fixed		Maximum	21.3	10	8.9	8.9
Main hook/Aux hook SWL: 40t		Auxiliary hoist (where applicable)	31	28	---	0.935
Main hook SL no:6725		---	---	---	---	---
Aux hook SL No:NA		---	---	---	---	---
<b>Conclusion:</b> Fit for its intended use at the time of examination.						
<p><b>This certificate becomes invalid if any Alteration/Major Repair and modification is done.</b> 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.</p>						

Approved by, Name & Signature: Mr. Gishin Thomas



Inspected by, Name & Signature: MADHU

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

**Certificate No: MP/48147/22/04/04**

**Date of Inspection: 29/03/2022**

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	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)	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

**Details of tools/equipments used: STS-LD-75; STS-65; STS-LD-80; STS-LD-82,SP14813,73**

**Findings/Critical Findings Report**

F/CF	No.	Remarks
F	37	Hook MPI Done On 29/03/2022 MP

