

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

**CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

**Certificate No: O/48229/22/02/01**

**Date of Inspection: 17/02/2022**

<b>Crane details</b>						
Name and Address of the Owner:		<b>TRUCK OMAN EQUIPMENT RENTAL</b>				
Make & Date of Manufacture:		TADANO ; 2015				
Location of Inspection:		FARAH				
Ref. Standard:		<b>BS 7121-2-3; SP 2275</b>				
Registration No.& Owner No.:		7390 HA ; PLM 1496				
Model and Serial No.:		GR-500E-3-00102 ; 541139				
Date of previous inspection / cert. No:		01/07/2021; V/46973/21/06/01				
<b>Date of next inspection and testing :</b>		<b>16/02/2023</b>				
Availability OEM certificate		In Service Equipment				
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		16 mm Satisfactory				
Main hoist wire rope certificate No:		904189001 (MBF-252 KN)				
Auxiliary wire rope diameter and condition		16 mm Satisfactory				
Auxiliary wire rope certificate No:		904189001 (MBF-252 KN)				
<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	51t	11.1m To 42m	NA	Fixed	
<b>Crane present configuration at the time of inspection:</b>				Boom length (m)	Radius (m)	Applied load (Tonne)
SWL @ No of falls: 41.1t @ 8 Falls				11.1	4.5	--
counter weight: Fixed		<b>Main hoist</b>	Minimum	11.1	4.5	37.7
Main hook/Aux hook SWL: 51t / 4.5 t			Intermediate	18.8	9	13
Main hook SL no: FT20-9-14			Maximum	42	20	3.85
Aux hook SL No: SH01213			Auxiliary hoist (where applicable)	34.3	18	4.5
<b>Conclusion:</b> Fit for its intended use at the time of examination.						
<p><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.</p>						

Approved by, Name & Signature: Mr. Gishin Thomas



Inspected by, Name & Signature: Infanso Oswin

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

**Certificate No: O/48229/22/02/01**

**Date of Inspection: 17/02/2022**

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	S	34	Full functional test		S
15	Auxiliary wire ropes and termination	S	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-78; STS-LD-76; DLM 3088**

**Findings/Critical Findings Report**

F/CF	No.	Remarks
F	37	MPI Done On 17/02/2022 (O/48229/22/02/02)

