



HI-TECH INSPECTION SERVICES L.L.C.

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AN ISO / IEC 17020:2012 ACCREDITED INSPECTION BODY



CERTIFICATE OF TEST & THOROUGH VISUAL EXAMINATION OF MOBILE CRANE

Certificate No. : HITECH/TJN-2022-229/IC/009

Job No. : TJN-2022-229

Date of Inspection : 23/05/2023

Name & Address of the Owner :	M/S.TRUCKOMAN EQUIPMENT RENTAL LLC, SULTANTE OF OMAN				
Make & Date of Manufacture :	TADANO LTD-JAPAN / 2014				
Location of Inspection :	ADAM WORKSHOP,SULTANTE OF OMAN				
Ref. Standard :	BS7121-2-3:2012 / SP 2275 REV.2				
Registration No. & Owner No. :	346 BA / TRE 1491				
Model & Serial No. :	Model No: GR 500 EX / Serial No: 541085				
Date of previous inspection / Cert. No.	27/07/2022,HITECH/TJN-2022-229/IC/003				
Date of next inspection and testing :	22/11/2024				
Availability OEM certificate :	IN-SERVICE EQUIPMENT				
Availability of operations manual in cab :	YES,AVAILABLE				
Availability of load chart in cab :	YES,AVAILABLE				
Avallability of daily check report :	YES,AVAILABLE				
Main hoist wire rope diameter & condition :	19MM & VISUAL INSPECTION SATISFACTORY				
Main hoist wire rope certificate No. :	NOT AVAILABLE				
Auxiliary wire rope diameter & condition :	NOT APPLICABLE				
Auxiliary wire rope certificate No. :	NOT APPLICABLE				
Hitech Reference Work Instruction :	HITECH-LFT-WI-005-LAPMC-02				
Measuring equipments's used :	SL NO	TOOLS DESCRIPTION			CALIBRATION DUE
	1.	LOAD CELL SL NO:11844			20/07/2023
	2.	VERNIER CALIPER SL NO: 17069025			29/09/2023
Crane Description	Crane Type	Maximum SWL	Range of Boom length	Fly Jib length	Counter weight (If applicable)
Diesel Hydraulic Telescopic Boom Mobile Crane.	Rough Terrain Crane	50.0 Tonne	10.7 m to 34.7 m	Not Fitted	Fixed

Crane present configuration at the time of inspection:			Boom length (In Mtr)	Radius (In Mtr)	Applied Load (In Tonne)	Safe Working Load (In Tonne)
A Thorough visual, functional & Performance test was Carried out. Maximum capacity: 50.0 Tonne @ 10.7 meter boom Length and 2.5 meter radius using 19mm Steel wire rope. Main Hook ID No: 4327, Main hook Capacity-50.0 Tonne.	Main Hoist	Minimum	10.7 (Main Hoist)	2.5	NIL	50.0
		Intermediate	18.7 (Main Hoist)	6.0	NIL	21.6
		Maximum	34.7 (Main Hoist)	12.0	8.75	8.75
	Auxiliary hoist (Where Applicable)		N/A	N/A	N/A	N/A

1. Conclusion: The above-mentioned equipment was tested and thoroughly examined and found satisfactory at the time of examination.

Date of Issue: 25/05/2023

Authorized Name: NAGOOR MEERAN

Designation : ASST. TECHNICAL MANAGER

Authorized Signature:



Inspector Name: LAKSHMANDAS.M

Qualification : LIFTING INSPECTOR (LEEA /NSL)

Inspector Signature:



This certificate becomes invalid if any Alteration / Major Repair and modification is done. The inspection carried out as per regulation 9 of lifting operations and lifting equipment regulation 1998 (LOLER 98)-UK. This is to certify that the above signed HITECH Inspector, 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, deformation or other defects. The liabilities & insurance as per HITECH Inspection Services LLC.

2. ANNEXURE OF CERTIFICATE OF TEST & THOROUGH VISUAL EXAMINATION OF MOBILE CRANE

Certificate No. : HITECH/TJN-2022-229/IC/009

Job No. : TJN-2022-229

Date of Inspection : 23/05/2023

Status Legend: S-Satisfactory, NA-Not Applicable, F-Findings, CF-Critical Findings

Description	Status	Remarks
Safe load indicator/calibration verified	Satisfactory	
Level indicator / Boom Angle Indicator	Satisfactory	
Telescopic boom extensions/ Boom pads/ Rope guides	Satisfactory	
Lattice boom sections/Connecting pins/Boom back stops	Not Applicable	
Fly Jib / Luffing jib/ Derricking interlock security	Not Applicable	Not fitted
Main hoist winch/ Hoist drum / Correct spooling	Satisfactory	19mm x 06 fails
Main hoist wire ropes and termination	Satisfactory	
Auxiliary hoist winch/ Hoist drum / Correct spooling	See Remarks	Not Connected
Auxiliary wire ropes and termination	See Remarks	Not Connected
Counterweight and its locking mechanism	Satisfactory	
Access ladders/Walkways/Hand & guard rails	Satisfactory	
Outriggers / beams / jacks / pads	Satisfactory	
Tires / rims / wheel bolts & nuts	Satisfactory	
Crawler Tracks/Track shoe	Not Applicable	
Swing machinery / Swing alarm / Swing lock	Satisfactory	
Hook block system/Safety catch	Satisfactory	
Hook for Stretch / wear	Satisfactory	
Hook NDT (MPI), certificate no. (If Applicable)	Satisfactory	MPI REPORT.NO: HITECH/TJN-2022-229/MT-060,DT:23/05/2023
Sheaves (Boom & Hook)	Satisfactory	
Operator cab/ Control levers /Wind shields / Mirrors	Satisfactory	
Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter (if fitted)	Satisfactory	
Proximity switches	Not Applicable	
All fasteners /Bolts / Safety pins	Satisfactory	
Electrical System	Satisfactory	
Hydraulic System	Satisfactory	
Caution rotary light / Reverse Horn / Light	Satisfactory	
Fire extinguisher	Satisfactory	
Spark Arrester (if fitted)	Not Applicable	
Anemometer (if fitted or hand held)	Not Applicable	
Full Functional test	Satisfactory	
Rated load test	Satisfactory	
OEM Specification plate in place and legible	Satisfactory	
General condition (structural integrity/functionality)	Satisfactory	
Display marking (SWL / tire pressure/ insp. date/due date)	Satisfactory	Insp.date & next Insp.due date to be marked

2. General comments: The equipment's is safe for its use within the limits specified, provided there is continuous maintenance applied and qualified operators employed. This Certificate covers only the existing configuration of the equipment at the time of examination. Any changes, alteration or modification shall require re-inspection or re-testing.

Date of Issue: 25/05/2023

Authorized Name: NAGOOR MEERAN

Designation : ASST. TECHNICAL MANAGER

Authorized Signature: 



Inspector Name: LAKSHMANDAS.M

Qualification : LIFTING INSPECTOR (LEEA/NSI)

Inspector Signature: 



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