


 CERTIFICATE
 OF TEST & THOROUGH VISUAL EXAMINATION OF MOBILE CRANE

Certificate No: HITECH/TJN-2022-229/IC/001

Date of Inspection : 13/07/2022

Name and Address of the Owner:	M/S. TRUCKOMAN EQUIPMENT RENTAL, LLC, OMAN																							
Make & Date of manufacture:	GROVE / 2014																							
Place of inspection:	RIG T 51-MAKARAM, SULTANTE OF OMAN																							
Ref. Standard:	BS7121-2-3:2012 / SP 2275 REV.2																							
Registration No. & Owner No.:	4023 HA & PLM 1494																							
Model and serial No:	MODEL NO: RT 765E-2, SERIAL NO: 9200280199																							
No.of running hours and /or km read out:	15480.3 Hours																							
Date of previous inspection certificate No:	15/07/2021, MA/46791/21/07/01 (STS)																							
Date of next inspection:	12/07/2023																							
Availability manufacturer's documentation:	YES																							
Availability of operations manual & load chart in cab:	YES																							
Availability of daily check report:	YES																							
Main hoist wire rope diameter and condition :	19MM & VISUAL INSPECTION SATISFACTORY																							
Main hoist wire rope certificate no:	101211A00, DT (MBL-38918 Kgs), BRIDON AMERICAN																							
Auxiliary wire rope diameter and condition:	Not Fitted																							
Auxiliary wire rope certificate	Not Available																							
<table border="1"> <thead> <tr> <th>Description of Crane</th> <th>Crane type</th> <th>Maximum SWL</th> <th>Range of Boom length</th> <th>Fly Jib length</th> <th>Max.Counter weight (if applicable)</th> </tr> </thead> <tbody> <tr> <td>Diesel Hydraulics Telescopic Boom Mobile Crane.</td> <td>Rough Terrian Crane</td> <td>60.0 Tonne</td> <td>10.9 mtr to 33.5 mtr / 4 Sections</td> <td>Not Fitted</td> <td>Fixed</td> </tr> </tbody> </table>					Description of Crane	Crane type	Maximum SWL	Range of Boom length	Fly Jib length	Max.Counter weight (if applicable)	Diesel Hydraulics Telescopic Boom Mobile Crane.	Rough Terrian Crane	60.0 Tonne	10.9 mtr to 33.5 mtr / 4 Sections	Not Fitted	Fixed								
Description of Crane	Crane type	Maximum SWL	Range of Boom length	Fly Jib length	Max.Counter weight (if applicable)																			
Diesel Hydraulics Telescopic Boom Mobile Crane.	Rough Terrian Crane	60.0 Tonne	10.9 mtr to 33.5 mtr / 4 Sections	Not Fitted	Fixed																			
Description of test: A thorough visual and Performance test was carried out and found satisfactory. Current configuration: Maximum capacity: 60 Tonne @ 9.35 meter boom Length and 3.0 meter radius using 19mm Steel wire rope, at the time of inspection main hoist reeved with 6 parts of line. Main Hook SL No: 14-2624, Main hook Capacity-60.0 Tonne		<table border="1"> <thead> <tr> <th>Boom length Mtr.</th> <th>Radius Mtr.</th> <th>Test Load Applied (Tonne)</th> <th>Safe working load (Tonne)</th> </tr> </thead> <tbody> <tr> <td>10.9 (Main Hoist)</td> <td>3.0</td> <td>NIL</td> <td>60.0</td> </tr> <tr> <td>15.2 (Main Hoist)</td> <td>9.0</td> <td>NIL</td> <td>20.37</td> </tr> <tr> <td>27.4 (Main Hoist)</td> <td>24.0</td> <td>3.4</td> <td>3.4</td> </tr> <tr> <td>33.5 (Main Hoist)</td> <td>30.0</td> <td>2.2</td> <td>2.135</td> </tr> </tbody> </table>			Boom length Mtr.	Radius Mtr.	Test Load Applied (Tonne)	Safe working load (Tonne)	10.9 (Main Hoist)	3.0	NIL	60.0	15.2 (Main Hoist)	9.0	NIL	20.37	27.4 (Main Hoist)	24.0	3.4	3.4	33.5 (Main Hoist)	30.0	2.2	2.135
Boom length Mtr.	Radius Mtr.	Test Load Applied (Tonne)	Safe working load (Tonne)																					
10.9 (Main Hoist)	3.0	NIL	60.0																					
15.2 (Main Hoist)	9.0	NIL	20.37																					
27.4 (Main Hoist)	24.0	3.4	3.4																					
33.5 (Main Hoist)	30.0	2.2	2.135																					
Details of tools/ equipment used: Vernier caliper SL No:809027,calibration expiry on:28/06/2023, Load cell SL No: 12193,calibration expiry on 02/02/2023,Performance test of 100% SWL has been carried as per the above tabulated column dated on 13/07/2022 <u>Note:-</u> Always refer to manufacturer manual for safe operation of crane. Examine the equipment and lifting gears before each use. Never exceed the rated capacity.																								
1. Conclusion: The above mentioned equipment was thoroughly examined and found satisfactory at the time of examination.																								

Inspected By:

DABLOOT.T

Signature:

Date :

13/07/2022

Date of issue:

15/07/2022

Authorized By NAGOOR MEERAN

Signature:

Date :

13/07/2022

Page 1 of 2



This is to Certify that the above lifting equipment were thoroughly examined and found satisfactory at the time of inspection.

 CR.No. 1525328, P.O. Box 1809, PC 112 Ruwi, Sultanate of Oman, Tel: +968 24446444 / 24449092 / 24449010 / 24446414, Fax: +968 24449091
 www.hitechoman.net E-mail: admin@hitechoman.net / hitis@omantel.net.om, Tax Card No. 8056524, VATIN: OM1100000124

HITECH INSPECTION SERVICES



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

Certificate No: HITECH/TJN-2022-229/IC/001

Date of Inspection : 13/07/2022

Description	Condition	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 Available	
Mast and its attachments	Not Available	
Pendant ropes	Not Available	
Fly Jib / luffing jib/ derricking interlock security	Not Fitted	
Main hoist winch / hoist drum / correct spooling	Satisfactory	
Main hoist wire ropes and termination	Satisfactory	Dia:19mm x 06 falls
Auxiliary hoist winch / hoist drum / correct spooling	See Remarks	Not Fitted
Auxiliary wire ropes and termination	See Remarks	Not Fitted
Counterweight and its locking mechanism	Satisfactory	
Access ladders/ walkways / hand & guard rails	Satisfactory	
Outriggers / beams / jacks / pads	Satisfactory	
Tires / rims / wheel bolts	Satisfactory	
Crawler tracks / track shoe	Not Applicable	
Swing machinery / Swing alarm / Swing lock	Satisfactory	
Hook block system / safety latch	Satisfactory	
Hook MPI, certificate no.	Satisfactory	MPI REPORT NO: HITECH/TJN-2022-229/MT-008, DT: 13/07/2022
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	Satisfactory	
Reverse horn / light	Satisfactory	
Fire extinguisher	Satisfactory	
Spark Arrester (if Available / Fitted)	Satisfactory	
Anemometer (if fitted or hand held)	Satisfactory	Fitted
General condition (structural integrity / functionality)	Satisfactory	
Display marking (SWL / tyre pressure / insp.date / due date)	Satisfactory	Inspection date & next Inspection due date needs to be Stencilled

3. General comments:- The equipments is safe for its use within the limits specified, provided there is continuous maintenance applied and qualified operators employed. This Certificates 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.

Inspected By: DABLOO.T
 Signature: 
 Date : 13/07/2022
 Date of issue: 15/07/2022

Authorized By NAGOOR MEERAN
 Signature: 
 Date : 13/07/2022
 HITECH-TPI-F-B051-MCLL-02
 Page 2 of 2



MAGNETIC PARTICLE EXAMINATION REPORT

Date of Examination: 13/07/2022		Report No: HITECH/TJN-2022-229/MT-008				
Client: M/S. TRUCKOMAN EQUIPMENT RENTAL. LLC		Contractor/A				
Project: N/A		Location: MAKARAM, RIG: T-51, SULTANTE OF OMAN				
Procedure No. & Rev. No.: HITIS/GEN/MT/01 REV.02		Referencing Code / Specification: ASME E709 / AWS D1.1 ED2015				
Acceptance Criteria: AWS D1.1 ED2015		Material: CS				
Surface Condition: Non Welded		Surface Temperature: Ambient			PWHT: N/A	
Area Inspected (Others) : N/A		Weldment Areas: N/A			Stress Areas / Full Body : Yes	
Method: <input checked="" type="checkbox"/> Wet <input checked="" type="checkbox"/> Visible <input type="checkbox"/> Dry <input type="checkbox"/> Fluorescent		Technique: <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Residual			Magnetization: <input checked="" type="checkbox"/> Longitudinal <input type="checkbox"/> Circular	
Equipment Type: Permanent Magnetic Yoke		Equipment Sr. No: GAMMATEC SN0826			Cal. Validity: Prior to Job	
Type of Current: N/A		Lifting Power of Yoke: 18.1 KG		Sensitivity: <input checked="" type="checkbox"/> Burmah Strip <input checked="" type="checkbox"/> Pie Gauge	III Lines Visible	
Source of Light: Day light		Light Intensity: ≥1000 lux min				
Consumables: MAGNAFLUX						
Cleaner: MAGNAFLUXSKC-S		White Contrast: MAGNAFLUX WCP-2			Magnetic Ink: MAGNAFLUX 7HF	
Batch No: 210906		Batch No: 210902			Batch No: 200702	
Validity: SEP-2024		Validity: SEP-2024			Validity: JUL-2023	
Item Description/Line No./ Drawing No.	Weld No	Welder No	Size	Sch. / WT	Observation (Map or Record of Indication)	Result (Acc./Rej.)

REGISTRATION NO & OWNER ID NO:- 4023 HA & PLM 1494 (60.0 TONNE GROVE, YOM:2014)

Latest date by which next MPI must be carried out:

12/07/2023

Hi-Tech Inspection Services LLC

Contractor

Client/ TPI /AI

Signature:

DR. B. H. Lipp

Name: **DABLOO.T**

Qualification: MPT Level 1

Date: 13/03/2023

Date: 13/07/2022

HITECH-NDT-F-87-MT-01

