

## MAGNETIC PARTICLE EXAMINATION REPORT

Date of Examination: 23/05/2023		Report No: HITECH/TJN-2022-229/MT-059	
Client: M/S.TRUCKOMAN EQUIPMENT RENTAL LLC, OMAN		Contractor: N/A	
Project: N/A		Location: ADAM WORKSHOP,SULTANATE OF OMAN	
Procedure No. & Rev. No.: HITIS/GEN/MT/01 REV.02		Referencing Code / Specification: ASTM E709, AWS D1.1	
Acceptance Criteria: AWS D1.1 ED 2015		Material: CS	
Surface Condition: As Welded		Surface Temperature: Ambient	
PWHT: N/A			
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"/> Longitudnal <input type="checkbox"/> Circular	
Equipment Type: Permanent Magnetic Yoke		Equipment Sr. No: GAMMATEC SNO0810	
		Cal. Validity: Prior to Job	
Type of Current: N/A		Lifting Power of Yoke: 18,1 KG	
Source of Light: Day light		Sensitivity: <input checked="" type="checkbox"/> Burnish Strip <input type="checkbox"/> Fla Gauge III Lines Visible	
Consumables: MAGNAFLUX		Light Intensity: ≥ 1000 lux min	
Cleaner: MAGNAFLUX SKC-5 Batch No:220513 BBE Validity: MAY-2025		White Contrast: MAGNAFLUX WCP-2 Batch No: 220506 BBE Validity: MAY-2025	
		Magnetic Ink: MAGNAFLUX 7HF Batch No: 220508 BBE Validity: MAY-2025	
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:- 1549 ML / PLM-1521 (WHEEL LOADER,MAKE: CATERPILLAR,2011)			
FORK ARMS (SL NO: L1 & R1) & BUCKET		N/A	
		N/A	
		N/A	
		N/A	
		NO RELEVANT INDICATION OBSERVED	
		ACCEPTABLE	



"MPI TEST CARRIED OUT SATISFACTORILY, FOUND NO RELEVANT INDICATIONS AT THE TIME OF INSPECTION"

LATEST DATE BY WHICH NEXT MPI MUST BE CARRIED OUT:

22/11/2023

Hi-Tech Inspection Services LLC

Contractor

Client/ TPI /AI

Signature:



Signature:

Signature:

Name: LAKSHMANDAS.M

Name:

Name:

Qualification: MPT Level II

Date:

Date

Date: 23/05/2023

**CERTIFICATE OF TEST & THOROUGH VISUAL EXAMINATION OF WHEEL LOADER**

Certificate No. : HITECH/TJN-2022-229/IC/008 Job No. : TJN-2022-229 Date of Inspection : 23/05/2023

Name & Address of the Owner :	M/S.TRUCKOMAN EQUIPMENT RENTAL LLC,SULTANATE OF OMAN		
Make & Date of Manufacture :	CATER PILLAR / 2011		
Location of Inspection :	ADAM WORKSHOP,SULTANATE OF OMAN		
Ref. Standard :	BS EN 474-3 / BS ISO 2330 / SP 2275 REV.2		
Registration No. & Owner No. :	1549 ML / PLM-1521		
Model & Serial No. :	Model No: 930 H / Serial No: CAT 0930HKDHC03123		
No.of running hours :	30734 Hours		
Date of previous inspection / Cert. No.	28/12/2022,MP/49835/22/12/01		
Date of next inspection :	22/11/2023		
Date of Previous Load Test Certificate No:	01/07/2022,MO/49379/22/07/01		
Date of Next Load Test:	22/05/2024		
Availability OEM certificate :	IN SERVICE EQUIPMENT		
Availability of operations manual in cab :	YES, AVAILABLE		
Availability of load chart in cab :	YES, AVAILABLE		
Availability of daily check report :	YES, AVAILABLE		
Hitech Reference Work Instruction :	HITECH-LFT-WI-009-LAPFL-03		
Measuring equipments's used :	SL NO	TOOLS DESCRIPTION	CALIBRATION DUE
	1.	FORK WEAR CALIPER SL NO: HT-FWC-01	24/08/2023
	2.	LOAD CELL SL NO:11844	20/07/2023
	3.	MEASURING TAPE SL NO: 035206	19/01/2024
Description of Equipment:	DIESEL POWERED HYDRAULIC ARTICULATED WHEEL LOADER, RATED CAPACITY: 5000 Kgs @ 600mm LOAD CENTER.		

<p><b>Description of Test:</b> A Thorough visual, functional &amp; Performance test was carried out and found satisfactory. Equipment was Operated and Observed thorough all of its motions. No Creep was Observed.</p> <p>Maxi. Lifting Height: 3889mm</p> <p>Attachments: - Fork Serial No: L1 &amp; R1 &amp; Bucket</p> <p><b>Note:</b> Always refer to manufacturer manual for safe operation of Wheel Loader. Examine the equipment before each use. Never exceed the rated capacity.</p>	Test Load Applied (in Tonne)	Safe Working Load (in Tonne)
	5.0 Tonne	5.0 Tonne

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 WHEEL LOADER**

Certificate No. : HITECH/TJN-2022-229/IC/008      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
Tires, rims, wheel bolts and axles	Satisfactory	
Masts and back rest, carriage	Satisfactory	
Forks and its extensions, slide end stopper, locks	Satisfactory	
Load chain and its assemblies	Not Applicable	
Side rollers and roll over cage	Not Applicable	
Safety devices	Not Applicable	
Battery and its connections	Satisfactory	
Hydraulic system & hoses and end fittings	Satisfactory	
Electrical system & cables	Satisfactory	
Engine compartment	Satisfactory	
Cooling system	Satisfactory	
Steering function	Satisfactory	
All controls lever's function & symbols legible	Satisfactory	
All gauges in cab	Satisfactory	
Overhead & foot guard	Satisfactory	
Exhaust system	Satisfactory	
Side shifting function (if applicable)	Not Applicable	
Operator cab / wind shields / Mirrors	Satisfactory	
Horn, reverse alarm, rotating warning light	Satisfactory	
Light & indicators	Satisfactory	
Seat & seat belts	Satisfactory	
Access ladders / Hand B. Guard rails	Satisfactory	
Spark Arrester (If Available / Fitted)	Not Applicable	
MPI forks blades, Bucket, date/ report no.	Satisfactory	HITECH/TJN-2022-229/MT-059,DT:23/05/2023
Fire extinguisher	Satisfactory	
Full functional test	Satisfactory	
Rated load test	Satisfactory	
Overload test	Not Applicable	
Other test (if applicable)	Not Applicable	
OEM Specification plate in place and legible	Satisfactory	
General condition [structural integrity/functionality]	Satisfactory	
Display marking (SWL / tyre pressure/ insp.date/due date)	Satisfactory	Inspection date and next inspection due date Needs to be marked

**3. General comment:** 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.

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Authorized Name: NAGOOR MEERAN


Designation : ASST. TECHNICAL MANAGER

Authorized Signature: 



Inspector Name: LAKSHMANDAS.M

Qualification : LIFTING INSPECTOR (LEEA/NSI)

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.