



AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

CERTIFICATE OF THOROUGH EXAMINATION AND TEST OF LORRY LOADER CRANE

Certificate No: MP/51271/23/06/09

Date of Inspection: 24/06/2023

Name and Address of the Owner:	TRUCK OMAN (SOUTH)
Maker & Date of Manufacture:	HIAB – 2014
Place of Inspection:	NIMR
Ref. Standard:	BS 7121-4, SP-2275
Registration No.& Owner No.:	5734 MA ; TO-2043
Model and Serial No.:	166B-3CLX ; 16614445
Nr. of running hours and/or km read out:	402863 km
Manufacturer's documentation:	(In service equipment)
Date of Previous inspection / cert. no:	15/07/2022; mp/48942/126
Date of Next inspection :	23/06/2024
Date of Previous Over load test/ cert. no:	15/07/2022;mp/48942
Date of Next Overload load test:	After any major repair, alteration, change in configuration.
Availability of operations manual in cab:	Available
Load Chart in cab:	Available (near to control levers)
Accessories certificates:	Not Applicable
Availability of daily check report:	Available
Maintenance records / major repairs carried out:	Available

Description of Crane: **Diesel powered, Hydraulically operated, lorry loader crane with knuckle boom Max capacity 4.9 t at 3.1 m boom length @ 3.1m radius.**

Test carried out according to tabulated column

Description of test: (configuration of the crane at the time of inspection) Hook WLL : 8t	Boom length	Radius	Test load	Safe working load
	(m)	(m)	(tonne)	(tonne)
	4.5	4.5	---	3.4
	6.3	6.3	2.3	2.3
	8.2	8.2	1.76	1.76
	10.3	10.3	1.38	1.38

Conclusion: Fit for its intended use at the time of inspection.

This certificate becomes invalid if any Alteration/Major Repair and modification is done.

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.

Reviewed by, Name & Signature: Sandeep KP

Inspected by, Name & Signature: Madhu Pillai





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Annexure of certificate of test & thorough examination

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Status Legend: S- Satisfactory NA-Not applicable F-Findings CF-Critical Findings					
No.	Description	Status	No.	Description	Status
1	Operations Manual/Catalogue	S	20	Hook block system/Safety catch	S
2	Monthly Inspection record	S	21	Sheaves(Boom & Hook)	NA
3	Maintenance records	S	22	Operator cab/ Control levers /Wind shields/Mirrors	S
4	OEM Specification plate	S	23	Over load cut off (hydraulic relief valve)	F
5	Safe load indicator/calibration verified(if applicable)	NA	24	Over winding alarm or Anti two block (if applicable)	NA
6	Level indicator	S	25	All fasteners /Bolts / Safety pins	S
7	Load chart	S	26	Electrical System	S
8	Battery and connections	S	27	Hydraulic System(Hoses and fitting leakages)	S
9	Crane base mounting / Physical Chassis condition	S	28	Hydraulic creep	S
10	PTO(Power take off) correct operation	S	29	Caution rotary light	S
11	Crane operating levers/links/markings	S	30	Reverse Horn / Light	S
12	Telescopic boom extensions/Boom pads/Rope guides	S	31	Fire extinguisher	S
13	Hydraulic cylinder condition/lock pin/ smooth function	S	32	Display marking (SWL/ tyre pressure/ insp.date/due date)	S
14	Hoist winch/Hoist drum/Correct spooling if applicable)	NA	33	Full functional test	S
15	Hoist wire rope and end terminations (if applicable)	NA	34	Rated load test	S
16	Outriggers/ beams / jacks / pads	S	35	Overload test	NA
17	Tires / rims / wheel bolts	S	36	NDT(If applicable)	S
18	Foot brake /Parking brake	S	37	Other Test (If applicable)	NA
19	Slew system/ mounting/functional condition	S	38	General Condition	S

Details of tools/equipment's used: STS-LD-65; STS-LD-75; SP 14813; STS-LD-80;

Findings/Critical Findings Report

F/CF	No.	Remarks
F	23	Need to be verified during overload test.

