



AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

**CERTIFICATE OF THOROUGH EXAMINATION AND TEST OF LORRY LOADER**

**Certificate No: MP/48147/22/04/07**

**Date of Inspection: 29/03/2022**

Name and Address of the Owner:	TRUCK OMAN
Maker & Date of Manufacture:	HIAB ; 2015
Place of Inspection:	NIMR
Ref. Standard:	<b>BS 7121-4, SP 2275</b>
Registration No.& Owner No.:	5680 YW ; TO-2046
Model and Serial No.:	X-CLX178B-2 ; BL178CX00174
Nr. of running hours and/or km read out:	197755 km
Manufacturer's documentation:	In Service Equipment
Date of Previous inspection / cert. no:	12/04/2021. O/46139/38
Date of Next inspection :	28/03/2023
Date of Previous Over load test/ cert. no:	12/04/2021.O/46139/38
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
Accessories certificates:	Not Available
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 5000 Kg at 3.2m boom length & @ 3.2m radius.**

**Test carried out according to tabulated column**

Description of test: (configuration of the crane at the time of inspection)	Boom length (m)	Radius (m)	Test load kgs	Safe working load kgs
Hook WLL : 8T	3.2	3.2	---	5000
	4.6	4.6	---	3450
	6.4	6.4	2400	2460
	8.4	8.4	1800	1860

**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.

Approved by, Name &Signature: Gishin Thomas

Inspected by, Name & Signature: MADHU PILLAI



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**Annexure of certificate of test & thorough examination of Lorry loader**

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**Date of Inspection: 29/03/2022**

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)		S
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/equipments used: STS-LD-65; SP/4813**

**Findings/Critical Findings Report**

F/CF	No.	Remarks
F	23	To Be Verified During Over Load Test
	36	Inspected Date & Cert 29/03/2022; MP/48147

