



**AN ISO/IEC 17020 ACCREDITED INSPECTION BODY
CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

Certificate No: MP/51271/23/06/17

Date of Inspection: 23/06/2023

Crane details						
Name and Address of the Owner:		TRUCK OMAN SOUTH				
Make & Date of Manufacture:		KATO – 2006				
Location of Inspection:		NIMR				
Ref. Standard:		BS 7121-2-3; SP 2275				
Registration No.& Owner No.:		4328 MR ; T0-819				
Model and Serial No.:		NK-500E-V ; 4415904				
Date of previous inspection / cert. No:		16/07/2022;MP/48942/22/07/86				
Date of next inspection and testing :		22/06/2024				
Availability OEM certificate		In Service Equipment				
Availability of operations manual in cab:		Available				
Availability of load Chart in cab:		Available				
Availability of daily check report:		Available				
Main hoist wire rope diameter and condition		19mm ; Satisfactory				
Main hoist wire rope certificate No:		18637/16 (MBL- 25.7 t)				
Auxiliary wire rope diameter and condition		Not Fitted				
Auxiliary wire rope certificate No:		Not Applicable				
Crane Description	Crane type	Maximum SWL	Range of Boom length	Fly Jib length	Counter weight (if applicable)	
Diesel powered, hydraulically operated telescopic boom	Truck mounted	50.5t	10.8 m to 40 m	NA	Fixed	
Crane present configuration at the time of inspection:		Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)	
SWL @ No of falls: 33t @ 8 Falls counter weight: Fixed Main hook/Aux hook SWL : 50.5 t Main hook SL no: M6G-236 Aux hook SL No: Not Available	Main hoist	Minimum	10.8	4.5	33	
	Main hoist	Intermediate	18.1	11	9.6	
	Main hoist	Maximum	40	31	0.6	
Auxiliary hoist (where applicable)		---	---	---	---	
Conclusion: Fit for its intended use at the time of examination.						
<p><i>This certificate becomes invalid if any Alteration/Major Repair and modification is done.</i> 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.</p>						

Reviewed by, Name & Signature:
Sandeep KP

Ref: STSI-FMT-01 Rev.02 Date: 27.04.2023



Inspected by, Name & Signature:
Madhu Pillai



Annexure of certificate of thorough examination of mobile crane

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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	21	Swing machinery /Swing alarm / Swing lock		F
2	Monthly Inspection record	S	22	Hook block system/Safety catch		S
3	Maintenance records	S	23	Sheaves(Boom & Hook)		S
4	OEM Specification plate	S	24	Operator cab/ Control levers /Wind shields/Mirrors		S
5	Safe load indicator/calibration verified	S	25	Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)		S
6	Level indicator / Boom Angle indicator	S	26	Proximity switches		NA
7	Telescopic boom extensions/Rope guides	S	27	All fasteners /Bolts / Safety pins		S
8	Lattice boom sections/Connecting pins	NA	28	Electrical System		S
9	Mast and its attachments	NA	29	Hydraulic System		S
10	Pendant ropes	NA	30	Caution rotary light		S
11	Fly Jib / Derricking interlock security	F	31	Reverse Horn / Light		S
12	Main hoist winch/ Hoist drum / spooling	S	32	Fire extinguisher		S
13	Main hoist wire ropes and termination	S	33	Anemometer(if fitted or hand held)		F
14	Auxiliary hoist winch/ Hoist drum /spooling	NA	34	Full functional test		S
15	Auxiliary wire ropes and termination	NA	35	Rated load test		S
16	Counterweight and its locking mechanism	S	36	Overload test		NA
17	Access ladders/Walkways/Hand & guard rails	S	37	NDT(If applicable)		S
18	Outriggers/ beams / jacks / pads	S	38	Other Test (If applicable)		NA
19	Tires / rims / wheel bolts	S	39	Display marking (SWL / tire pressure/ dates)		S
20	Crawler Tracks/Track shoe	NA	40	General Condition		S

Details of tools/equipment's used: STS-LD-65 ; STS-LD-75 ; SP 14813 ; STS-LD-80; STS-LD-73; STS-LD-82

Findings/Critical Findings Report

F/CF	No.	Remarks
F	33	Recommended to hand held
-	37	12/10/2021; MP/47704/21/10/04
F	11	Not fitted & not stowed
F	21	Slew ring bearing clearance measurement report to be presented during next inspection

