



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

Certificate No: MP/51271/23/06/18

Date of Inspection: 23/06/2023

Crane details					
Name and Address of the Owner:		TRUCK OMAN SOUTH			
Make & Date of Manufacture:		KATO – 2008			
Location of Inspection:		NIMR			
Ref. Standard:		BS 7121-2-3; SP 2275			
Registration No.& Owner No.:		6824 MA ; TO 923			
Model and Serial No.:		NK-550VR ; 4211127			
Date of previous inspection / cert. No:		15/07/2023; MP/48942/22/07/84			
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		18mm ; Satisfactory			
Main hoist wire rope certificate No:		943332003001 (MBL: 235.6 KN)			
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	55t	11 m to 43 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: 28t / 8 Falls	Main hoist	Minimum	11	5.5	27.8
counter weight: Fixed		Intermediate	19	8	17.5
Main hook/Aux hook SWL : 55 t / NA		Maximum	43	16	5.3
Main hook SL no: H-4	Auxiliary hoist (where applicable)	---	---	---	---
Aux hook SL No: NA					
Conclusion: Fit for its intended use at the time of examination.					
<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.					

Reviewed by, Name & Signature:

Sandeep KP

Inspected by, Name & Signature:

Madhu Pillai



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

Annexure of certificate of thorough examination of mobile crane

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Date of Inspection: 23/06/2023

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	15/07/2022; MP/48942/22/07/15
F	11	Not fitted & not stowed
F	21	Slew ring bearing clearance measurement report to be presented during next inspection

