



# الشركة الفنية لخدمات السلامة والفحص الفني ش.م.م.

## SAFETY TECHNICAL SERVICES AND INSPECTIONS

Tel : +968 24502589, Fax : +968 24590272. Email: stsi@safetyoman.com, Website: www.safetyoman.com  
P.O. Box 3288, Airport Heights P.C. 111, Sultanate of Oman.

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مكتب الاعتماد العالمي للمعايير  
Emirates International Accreditation Centre  
154-IB

AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

### CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE

**Certificate No: MP/45998/21/10/06**

**Date of Inspection: 03/10/2021**

<b>Crane details</b>					
Name and Address of the Owner:	<b>TRUCK OMAN</b>				
Make & Date of Manufacture:	<b>KATO 2006</b>				
Location of Inspection:	<b>SAFAH</b>				
Ref. Standard:	<b>BS 7121-2-3; SP 2275</b>				
Registration No.& Owner No.:	<b>5431 MR; TO 430</b>				
Model and Serial No.:	<b>NK 500 E-V; 4415906</b>				
Date of previous inspection / cert. No:	<b>22/10/2020;MA/43373/20/10/11</b>				
<b>Date of next inspection and testing :</b>	<b>02/10/2022</b>				
Availability OEM certificate	<b>In Services Equipment</b>				
Availability of operations manual in cab:	<b>Available</b>				
Availability of load Chart in cab:	<b>Available</b>				
Availability of daily check report:	<b>Available</b>				
Main hoist wire rope diameter and condition	<b>18mm Satisfactory</b>				
Main hoist wire rope certificate No:	<b>2020-02-351/ DW19065; Make: Kiswire MBL: 208/KN</b>				
Auxiliary wire rope diameter and condition	<b>Not Available</b>				
Auxiliary wire rope certificate No:	<b>Not Available</b>				
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	50t	10.8 to 40	Not Fitted	Fixed
<b>Crane present configuration at the time of inspection:</b>		Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)
SWL @ No of falls: 33.959t @ 8 falls		Minimum	10.8	4.5	---
counter weight: Fixed		Intermediate	18.1	8.5	15.60
Main hook/Aux hook SWL: 50.5t / NA		Maximum	40	31	0.60
Main hook SL no: HBP05		Auxiliary hoist (where applicable)	---	---	---
Aux hook SL No: NA					
<b>Conclusion:</b> 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.					

Approved by, Name & Signature: Mr. Gishin Thomas



Inspected by, Name & Signature: Mohammed Anaz



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### Annexure of certificate of thorough examination of mobile crane

**Certificate No: MP/45998/21/10/06**

**Date of Inspection: 03/10/2021**

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		S
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	NF	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)		NA
14	Auxiliary hoist winch/ Hoist drum /spooling	S	34	Full functional test		S
15	Auxiliary wire ropes and termination	S	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/equipments used: STS-LD-71; STS-LD-54; STS-SL-01**

#### Findings/Critical Findings Report

F/CF	No.	Remarks
F	37	03/10/2021;MP/45998
F	1	PROVIDE OPERATION MANUAL
F	33	RECOMMENDED TO KEEP HAND HELD.

