



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

SAFETY TECHNICAL SERVICES AND INSPECTIONS

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P.O. Box 3288, Airport Heights P.C. 111, Sultanate of Oman.



AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE

Certificate No: O/44494/20/09/33

Date of Inspection: 16/09/2020

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:		11/09/19; MA/41415/19/09/01					
Date of next inspection and testing :		15/09/2021					
Availability OEM certificate		In Services Crane					
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:		BRUNTON WOLF 943332003001 (MBL 226 KN)					
Auxiliary wire rope diameter and condition		Not Fitted					
Auxiliary wire rope certificate No:		Not Available					
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	55 t @ 14 falls	11m TO 43m	N/A	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 / 8Falls							
counter weight: Fixed							
Main hook/Aux hook SWL: 55 t / NA		Main hoist	Minimum	11	5.5	---	27.8
Main hook SL no: H-4			Intermediate	19	8	17.5	17.5
Aux hook SL No: NA			Maximum	43	16	---	5.3
		Auxiliary hoist (where applicable)		N/A			
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.							

Approved by, Name & Signature: Mr. Gishin Thomas.

Inspected by, Name & Signature: Madhu Pillai



Ref: STSI-FM1-U5 Rev.UU Date: 18.02.2020

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Annexure of certificate of thorough examination of mobile crane

Certificate No: O/44494/20/09/33

Date of Inspection: 16/09/2020

Description	Condition	Remarks
Safe load indicator/calibration verified	S	
Level indicator / Boom Angle indicator	S	
Telescopic boom extensions/Boom pads/Rope guides	S	
Lattice boom sections/Connecting pins/Boom back stops	NA	
Mast and its attachments	NA	
Pendant ropes	NA	
Fly Jib / Luffing jib/ Derricking interlocksecurity	NF	Not Stowed
Main hoist winch/ Hoist drum / Correct spooling	S	
Main hoist wire ropes and termination	S	
Auxiliary hoist winch/ Hoist drum / Correct spooling	NA	
Auxiliary wire ropes and termination	NA	
Counterweight and its locking mechanism	S	
Access ladders/Walkways/Hand & guard rails	S	
Outriggers/ beams / jacks / pads	S	
Tires / rims / wheel bolts	S	
Crawler Tracks/Track shoe	NA	
Swing machinery /Swing alarm / Swing lock	S	
Hook block system/Safety catch	S	16/09/2020; O/44494
Sheaves(Boom & Hook)	S	
Operator cab/ Control levers /Wind shields/Mirrors	S	
Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)	S	
Proximity switches	NA	
All fasteners /Bolts / Safety pins	S	
Electrical System	S	
Hydraulic System	S	
Caution rotary light	S	
Reverse Horn / Light	S	
Fire extinguisher	S	
Anemometer(if fitted or hand held)	NF	Recommended To Hand Held
General condition (structural integrity/functionality)	S	
Display marking (SWL / tire pressure/ insp date/due date)	S	
S- Satisfactory NS-Not Satisfactory NA-Not applicable NF-Not Fitted NP-Not provided by OEM SC- See Comments		
Details of tools/equipments used: VL.STS-VC-7949. M-T.STS-LD-63		
General comment: As Per Crane Load Chart 28t @ 8 falls		

Approved by, Name & Signature: Mr. Gishin Thomas.

Inspected by, Name & Signature: Madhu Pillai


