



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

## SAFETY TECHNICAL SERVICES AND INSPECTIONS

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AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

### CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE

**Certificate No: O/44490/20/09/08**

**Date of Inspection: 07/09/2020**

<b>Crane details</b>								
Name and Address of the Owner:	TRUCK OMAN NORTH							
Make & Date of Manufacture:	Tadano 2011							
Location of Inspection:	ADAM							
Ref. Standard:	BS 7121-2-3; SP 2275							
Registration No.& Owner No.:	809 HK; PLM 1481							
Model and Serial No.:	GT-800EX-1-90102, 475443							
Date of previous inspection / cert. No:	21/12/19; K/42040/19/12/38							
<b>Date of next inspection and testing :</b>	06/09/2021							
Availability OEM certificate	Available							
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:	DW-9022/01 ( MBL 354.50 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	All Terrain	80 t @ 16 Falls	11.5m to 44m	17.7m	17.9t			
<b>Crane present configuration at the time of inspection:</b>			Boom length	Radius	Applied load (Tonne)			
SWL @ No of falls: 56 t @ 10 Falls					Safe working load (Tonne)			
counter weight: 17.9t			11.5m	4.5m	---			
Main hook/Aux hook SWL: 80t / NF	Main hoist	Minimum	11.5m	4.5m	55.2t			
Main hook SL no: 2427/001		Intermediate	19.62m	6m	33.2t			
Aux hook SL No: Not Available		Maximum	44m	34m	2.4t			
		Auxiliary hoist (where applicable)	N/A					
<b>Conclusion:</b> Fit for its intended use at the time of examination. Refer General Comment finding in checklist.								
<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






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## Annexure of certificate of thorough examination of mobile crane

**Certificate No: O/44490/20/09/08**

**Date of Inspection: 06/09/2020**

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	
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 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: STS-VC-7949; STS-LD-63; TP STS-L-80; LC STS-14813; AN STS-LD-56		
<b>General comment:</b> Finding -Crane currently fitted with RHLL rope, whereas OEM rope is RHRL (Ref cert JW-0737/01 KISWIPE 21/07/2010) - Recommend to check with manufacturer for the suitability - Crane Single fall SWL is PCU/L is 5.6t		

Approved by: Name & Signature: Mr. Gishin Thomas

Inspected by Name & Signature: Madhu Pillai

A circular red and white logo. The outer ring contains the text "SAFETY TECHNICAL SERVICES & INSPECTIONS" at the top and "277" at the bottom. The inner circle features a stylized red "SF" monogram with a five-pointed star on either side. Below the monogram, the word "CERTIFIED" is written in a bold, red, sans-serif font.

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