



# 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: MP/44428/20/09/01**

**Date of Inspection: 18/09/2020**

<b>Crane details</b>					
Name and Address of the Owner:		TRUCK OMAN NORTH			
Make & Date of Manufacture:		TADANO- 2015			
Location of Inspection:		ADAM			
Ref. Standard:		BS 7121-2-3, SP2275			
Registration No.& Owner No.:		347BA & TO-2557			
Model and Serial No.:		GR800EX-549151			
Date of previous inspection / cert. No:		04/03/2020(MP/42144/20/03/02)			
<b>Date of next inspection and testing :</b>		17/09/2021			
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(Kiswire)30/04/2019- MBL-354.50kN			
Auxiliary wire rope diameter and condition		N/F			
Auxiliary wire rope certificate No:		N/A			
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 Rough Terrain	12falls@80t	12m to 47m	N/A	Fixed
Crane present configuration at the time of inspection:		Boom length	Radius	Applied load (Tonne)	Safe working load (Tonne)
SWL @ No of falls: 52.8t@8falls  counter weight: Fixed  Main hook/Aux hook SWL: 50t / N/A  Main hook SL no:FT20-6-14  Aux hook SL No: N/F	Minimum	12m	5.5m	--	51.1t
	Intermediate	16.4m	8m	31t	31t
	Maximum	47m	36m	1.1t	1.1t
	Auxiliary hoist (where applicable)	---	---	---	---
<b>Conclusion:</b> 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>					

Approved by, Name & Signature: Mr. Gishin Thomas.      Inspected by, Name & Signature: Mohammed Anaz






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Full Member  
م.د.إ.إ.إ. للجودة والجودة للمختبرات

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

**Certificate No: MP/44428/20/09/01**

**Inspection date: 18/09/2020**

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	N/A	
Mast and its attachments	N/A	
Pendant ropes	N/A	
Fly Jib / Luffing jib/ Derricking interlocksecurity	N/F	Stowed
Main hoist winch/ Hoist drum / Correct spooling	S	
Main hoist wire ropes and termination	S	
Auxiliary hoist winch/ Hoist drum / Correct spooling	N/F	
Auxiliary wire ropes and termination	N/F	
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	N/A	
Swing machinery /Swing alarm / Swing lock	S	
Hook block system/Safety catch	S	MP/42144/15(04/03/2020)
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	N/A	
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)	N/A	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-LD-65, M-T.STS-LD-75, LOAD CELL-14813, A.M.STS-LD-58, SL-STSL-73		
<b>General comment: Finding-</b> Crane currently fitted with RHLL rope, whereas OEM is RHRL(Ref cer-1078292(Kiswire-24/09/2014)- Recommended to check with manufacturer for the suitability. Crane single fall SWL in RCI/L is 6.6t		

Approved by, Name & Signature: Mr. Gishin Thomas. Inspected by, Name & Signature: Mohammed Anaz

