



# 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: MA/43364/20/10/01

Date of Inspection: 05/10/2020

Crane details							
Name and Address of the Owner:		TRUCK OMAN					
Make & Date of Manufacture:		GROVE ; 2012					
Location of Inspection:		ADAM					
Ref. Standard:		BS 7121-2-3					
Registration No.& Owner No.:		6593 YS ; TO-2551					
Model and Serial No.:		RT 880E ; 233002					
Date of previous inspection / cert. No:		04/06/2020; O/43347					
Date of next inspection and testing :		04/10/2021					
Availability OEM certificate		Not Available					
Availability of operations manual in cab:		Satisfactory					
Availability of load Chart in cab:		Satisfactory					
Availability of daily check report:		Satisfactory					
Main hoist wire rope diameter and condition		19mm ; Satisfactory					
Main hoist wire rope certificate No:		DW-9014/01 ( 30/04/19 ), KISWIRE ( MBL ; 354.5 KN)					
Auxiliary wire rope diameter and condition		Not Applicable					
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	Rough Terrain	75t	12.6 m to 39 m	N/A	fixed		
<b>Crane present configuration at the time of inspection:</b>  SWL @ No of falls: 57.81 t @ 8Falls  counter weight: Fixed  Main hook SWL: 75 t / NA  Main hook SL no: 12-4064  Aux hook SL No: Not Applicable		Boom length		Radius	Applied load (Tonne)	Safe working load (Tonne)	
		M		M			
		Main hoist	Minimum	12.6	5	---	55.125
			Intermediate	24.4	16	8.675	8.675
			Maximum	39	36	1.645	1.645
Auxiliary hoist (where applicable)		---	--	---	---		
<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



Ref: STSI-FMT-05 Rev.00 Date: 18.02.2020

The inspection certificate shall not be reproduced except in full without the approval of the inspection body and the client.  
Inspection is performed only related to the work ordered/the items or the lot inspected.  
For certificate authenticity and clarifications contact us at stsi@safetyoman.com

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

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Date of Inspection: 05/10/2020

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	04/06/2020 ( O/43347)
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)	NA	
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-54. M-T.STS-LD-71		
<b>General comment: Finding-Crane</b> Currently Fitted With RHLL Rope, Whereas OEM Is RHRL (Ref No : 411-317134, Date: 13/07/2012, Make: Wireco World Group) Recommended To Check With Manufacturer For The Suitability, Current Rope Line Pull 7.23t		

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

Inspected by, Name & Signature: Mohammed Anaz




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