



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: VI/46984/21/08/81

Date of Inspection: 03/08/2021

Crane details						
Name and Address of the Owner:		TRUCK OMAN SOUTH				
Make & Date of Manufacture:		TADANO – 2015				
Location of Inspection:		NIMR				
Ref. Standard:		BS 7121-2-3; SP 2275				
Registration No.& Owner No.:		304 ML ; TO-2561				
Model and Serial No.:		GR-800EX ; 549481				
Date of previous inspection / cert. No:		17/09/2020; O/44494/20/09/31				
Date of next inspection and testing :		02/08/2022				
Availability OEM certificate		In Service Equipment				
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:		1079266 (324 Kn)				
Auxiliary wire rope diameter and condition		Not Fitted				
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	80t	12m To 47m	NA	Fixed	
Crane present configuration at the time of inspection: SWL @ No of falls: 52.8t / 8Falls counter weight: Fixed Main hook/Aux hook SWL: 80 t / NA Main hook SL no: 3071/33/11/14M5806 Aux hook SL No: NA			Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)
	Main hoist	Minimum	12	5.5	---	51.1
		Intermediate	29.5	11	16.6	16.6
		Maximum	47	18	7.5	7.5
	Auxiliary hoist (where applicable)		---	---	---	---
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 Gishin Thomas

Inspected by, Name & Signature Vijeesh Ravi





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Annexure of certificate of thorough examination of mobile crane

Certificate No: V/46984/21/08/81

Date of Inspection: 03/08/2021

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	F
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	F	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)	F
14	Auxiliary hoist winch/ Hoist drum /spooling	NA	34	Full functional test	S
15	Auxiliary wire ropes and termination	NA	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)	F
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-53; STS-LD-60; SP 14813					
Findings/Critical Findings Report					
F/CF	No.	Remarks			
F	33	Recommended to hand held			
F	37	03/08/2021; V/46984			
F	11	Not fitted & not stowed			
F	21	Slew ring bearing clearance measurement report to be presented during next inspection			

