



# 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/47031/21/08/22

Date of Inspection: 10/08/2021

Crane details							
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:		07/09/2020; O/44490/20/09/08					
Date of next inspection and testing :		09/08/2022					
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	Truck Mounted	80 t	11.5m to 44m	17.7m	17.9t		
<b>Crane present configuration at the time of inspection:</b>  SWL @ No of falls: 56 t @ 10 Falls  counter weight: 17.9t  Main hook/Aux hook SWL: 80t / NF  Main hook SL no: 2427/001  Aux hook SL No: Not Available		Boom length (m)		Radius (m)	Applied load (Tonne)	Safe working load (Tonne)	
		Main hoist	Minimum	11.5m	4.5m	---	55.2t
			Intermediate	19.62m	7m	29.1t	29.1t
			Maximum	44m	34m	---	2.4t
		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: Infanso Oswin





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

Certificate No: O/47031/21/08/22

Date of Inspection: 10/08/2021

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	S
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	F	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	S	31	Reverse Horn / Light	S
12	Main hoist winch/ Hoist drum / spooling	S	32	Fire extinguisher	S
13	Main hoist wire ropes and termination	F	33	Anemometer(if fitted or hand held)	NA
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)	S
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-63; STS-VC-7949

#### Findings/Critical Findings Report

F/CF	No.	Remarks
F	15	Crane Single Fall SWL In SLI/L is 15.6t
F	13	Crane currently fitted with RHLL rope, whereas OEM rope is RHRL (Ref cert JW-0737/01 KISWIRE 31/07/2010) - Recommend to check with manufacturer for the suitability
f	37	MPI done on 10/08/2021; O/47031

