

AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE

Certificate No: MP/48130/22/02/01

Date of Inspection: 23/02/2022

Crane details					
Name and Address of the Owner:	TRUCK OMAN EQUIPMENT RENTAL				
Make & Date of Manufacture:	SANY; 2018				
Location of Inspection:	JIFNAIN				
Ref. Standard:	BS 7121-2-3; SP 2275				
Registration No.& Owner No.:	9476WA; TER 1499				
Model and Serial No.:	STC600S; LFCNF5P1K2000047				
Date of previous inspection / cert. No:	09/02/2021; A/45901/08				
Date of next inspection and testing :	22/02/2023				
Availability OEM certificate	In Service Crane				
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	18mm & Satisfactory				
Main hoist wire rope certificate No:	BHZ2015-R-0709 (MBL-248 KN)				
Auxiliary wire rope diameter and condition	18mm & Satisfactory				
Auxiliary wire rope certificate No:	BHZ2015-R-0710 (MBL-229 KN)				
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	60t @ 12 Falls	11.3m To 43.5m	NA	Fixed
Crane present configuration at the time of inspection:		Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)
SWL @ No of falls: 30t @ 6falls					
counter weight: Fixed	Main hoist	Minimum	15.33	6.5	---
Main hook/Aux hook SWL: 60t / 5t	Main hoist	Intermediate	19.35	10	13
Main hook SL no: HCZ1860436	Main hoist	Maximum	43.5	30	1.4
Aux hook serial no:	Main hoist	Auxiliary hoist (where applicable)	43.5	20	4.4
Conclusion: 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



Annexure of certificate of thorough examination of mobile crane

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Date of Inspection: 23/02/2022

Status Legend:		S- Satisfactory		NA-Not applicable		F-Findings		CF-Critical Findings	
No.	Description	Status	No.	Description					
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	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	NA	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	S	34	Full functional test				S	
15	Auxiliary wire ropes and termination	S	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-78; STS-77; STS-LD-76; STS-LD-79

Findings/Critical Findings Report

F/CF	No.	Remarks
	37	MPI DONE ON 23/02/2022 REF:MP/48130/22/02/02
F	33	RECOMMENDED TO FIT

