

AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE

Certificate No: MP/48938/22/06/09

Date of Inspection: 28/06/2022

Crane details						
Name and Address of the Owner:			TRUCK OMAN			
Make & Date of Manufacture:			SANY ; 2017			
Location of Inspection:			HAIMA			
Ref. Standard:			BS 7121-2-3/ SP 2275			
Registration No.& Owner No.:			1552 MA ; TO-2565			
Model and Serial No.:			STC 100S ; LFCNPG6W3H2011047			
Date of previous inspection / cert. No:			29/06/2021 ; V/46970/08			
Date of next inspection and testing :			27/06/2023			
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			22mm ; Satisfactory			
Main hoist wire rope certificate No:			AZ/RT/20/06/28004 (MBL 473-60 KN) (DW-2019) KISWIRE			
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	Truck Mounted	100t	12.3m To 56m	NA	23.5t	
Crane present configuration at the time of inspection:		Boom length (m)	Radius (m)	Applied load (Tonne)	Safe working load (Tonne)	
SWL @ No of falls: 57.9t @ 6Falls						
counter weight: 23.5 t						
Main hook/Aux hook SWL: 75 t						
Main hook SL no: HCZ1611001						
Aux hook SL No: NF						
		Minimum	12.3	6	---	55
		Intermediate	16.3	12	25	25
		Maximum	32.4	14	19.5	19.5
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: Mr. Gishin Thomas

Inspected by, Name & Signature: Madhu Pillai





Annexure of certificate of thorough examination of mobile crane

Certificate No: MP/48938/22/06/09

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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	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	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	S	33	Anemometer(if fitted or hand held)	S
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-65; STS-LD-75; SP14813, 80 , 82 , 58

Findings/Critical Findings Report

F/CF	No.	Remarks
F	21	Slew ring bearing clearance measurement report to be presented during next inspection

