



## CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF MOBILE CRANE

**Certificate No: MP/39026/18/12/20**

**Date of Inspection: 31/12/2018**

Name and Address of the Owner:	<b>TRUCK OMAN (NORTH)</b>			
Maker & Date of Manufacture:	KATO ; 2006			
Place of Inspection:	HAIMA			
Ref. Standard:	<b>BS 7121-2-3; SP2275</b>			
Registration No.& Owner No.:	TO 430 ; 5431 MR			
Model and Serial No.:	NK-500E-V ; 4415906			
Nr. of running hours and/or km read out:	117957Km.			
Manufacturer's documentation:	Yes			
Date of Previous inspection / cert. no:	<b>09/01/2018 ; MP/35934/18/01/01</b>			
Date of Next inspection :	30/12/2019			
Date of Previous load test/ cert. no:	<b>09/01/2018 ; MP/35934/18/01/01</b>			
Date of Next load test:	08/01/2022			
Availability of operations manual in cab:	Yes			
Load Chart in cab:	Yes			
Accessories certificates:	Yes			
Availability of daily check report:	Yes			
Maintenance records / major repairs carried out:	Yes			
Description of Crane: <b>Diesel powered, Hydraulically operated, telescopic boom truck mounted mobile crane .</b> Max.capacity of crane 50.5 tonnes at 10.8m boom length and 3m radius and using 18mm steel wire rope at 12falls.				
<b>Test carried out according to tabulated column</b>				
<b>Description of test: (configuration of the crane at the time of inspection)</b>  No. of falls: 8  Main hook block S.N: 6J-241  Main hook capacity: 50.5 t  Aux.hook S.N: N/A  Aux.hook capacity: N/A  Wire rope certificate no: INV NO: 2013-06-359/DW-13017	Boom length	Radius	Test load	Safe working load
	(m)	(m)	Tonnes	Tonnes
	10.8m	4m	---	37 t
	18.1m	8m	18.7 t	17 t
	21.75m	14m	6.3 t	5.75 t
	40m	31m	---	0.60 t
<b>Conclusion: Fit for its intended use at the time of inspection.</b>				

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

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Description	Condition	Remarks
Safe load indicator/calibration verified	✓	
Level indicator / Angle indicator	✓	
Telescopic boom extensions/Boompads/Rope guides	✓	
Lattice boom sections/Connecting pins/Boom back stops	N/A	
Pendant ropes	N/A	
Fly Jib / Luffing jib/ Derricking interlocksecurity	N/F	N/A
Main hoist winch/ Hoist drum / Correct spooling	✓	
Main hoist wire ropes and termination	✓	
Auxiliary hoist winch/ Hoist drum / Correct spooling	N/A	
Auxiliary wire ropes and termination	N/A	
Counterweight and its locking mechanism	✓	
Access ladders/Walkways/Hand & guard rails	✓	
Outriggers/ beams / jacks / pads	✓	
Tires / rims / wheel bolts	✓	
Crawler Tracks/Track shoe	N/A	
Swing machinery /Swing alarm / Swing lock	✓	
Swingbearing/ -wear / report	N/A	wear report n/a for verification
Hook block system/Safety catch	✓	
Hook MPI, certificate no (Required every 4 yrs)	✓	31/12/2018 DONE
Sheaves(Boom & Hook)	✓	
Operator cab/ Control levers /Wind shields/Mirrors	✓	
Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)	✓	
Proximity switches	N/A	
All fasteners /Bolts / Safety pins	✓	
Electrical System	✓	
Hydraulic System	✓	
Caution rotary light	✓	
Reverse Horn / Light	✓	
Fire extinguisher	✓	
Anemometer(if fitted or hand held)	N/A	
General condition (structural integrity/functionality)	✓	
Display marking (SWL/tyre pressure/ insp.date/due date)	✓	

General comments: Nil

Approved by, Name &Signature:Gishin Thomas

Inspected by, Name & Signature: Madhu Pillai



