



## CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF MOBILE CRANE

Certificate No: MP/38510/18/10/09

Date of Inspection: 30/09/2018

Name and Address of the Owner:	TRUCK OMAN
Maker & Date of Manufacture:	KATO -JAPAN/ 2008
Place of Inspection:	HAIMA
Ref. Standard:	<b>BS 7121-2-3, PR 1708</b>
Registration No.& Owner No.:	5175 MR (PLM 429)
Model and Serial No.:	NK 500V ; (4415905)
Nr. of running hours and/or km read out:	2824hrs. ; 148810kms.
Manufacturer's documentation:	OK
Date of Previous inspection / cert. no:	27/09/2017 ; MP/35467/17/09/45
Date of Next inspection :	29/09/2019
Date of Previous load test/ cert. no:	06/10/2016 ; VG/32881/16/10/03
Date of Next load test:	05/10/2020
Availability of operations manual in cab:	OK
Load Chart in cab:	OK
Accessories certificates:	OK
Availability of daily check report:	OK
Maintenance records / major repairs carried out:	OK

Description of Crane: **Diesel powered, Hydraulically operated, telescopic boom truck mounted mobile crane**  
Max.capacity of crane 50 tonnes at 10.8m to 40m boom length and 3m radius and using 18mm steel wire rope at 12falls.

### Test carried out according to tabulated column

<b>Description of test: (configuration of the crane at the time of inspection)</b>	Boom length	Radius	Test load	Safe working load
	(m)	(m)	Tonnes	Tonnes
No. of falls: 8	10.8m	4m	Nil	36.80 t
Main hook block S/N: M6J-239	18.1m	6m	23.50 t	23.50 t
Main hook capacity: 50.5 T	21.7m	14m	5.75 t	5.75 t
Wire rope certificate no: 25/06/2013 (935418002)	32.7m	16m	4.95 t	4.95 t
	40m	31m	---	0.60 t

**Conclusion: Fit for its intended use at the time of inspection.**

Annexure of certificate of test & thorough examination of mobile crane

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Description	Condition	Remarks
Safe load indicator/calibration verified	Satisfactory	
Level indicator	Satisfactory	
Telescopic boom extensions/Boompads/Rope guides	Satisfactory	
Lattice boom sections/Connecting pins/Boom back stops	N/A	
Pendant ropes	N/A	
Fly Jib / Luffing jib/ Derricking interlocksecurity	N/F	at the time of inspection
Main hoist winch/ Hoist drum / Correct spooling	Satisfactory	
Main hoist wire ropes and termination	Satisfactory	
Auxiliary hoist winch/ Hoist drum / Correct spooling	N/A	Aux hook not fitted at the time of inspection
Auxiliary wire ropes and termination	N/A	
Counterweight and its locking mechanism	Satisfactory	
Access ladders/Walkways/Hand & guard rails	Satisfactory	
Outriggers/ beams / jacks / pads	Satisfactory	
Tires / rims / wheel bolts	Satisfactory	
Crawler Tracks/Track shoe	N/A	
Swing machinery / Swing lock	Satisfactory	
Swingbearing/ -wear / report	N/A	N/A for verification
Hook block system/Safety catch	Satisfactory	
Hook MPI, certificate no (Required every 4 yrs)	Satisfactory	30/09/2018 (done)
Sheaves(Boom & Hook)	Satisfactory	
Operator cab/ Control levers /Wind shields/Mirrors	Satisfactory	
Anti 2 block /over lower/ boom cut off /over load cut off limit switches / Slack rope limiter(if fitted)	Satisfactory	
Proximity switches	Nil	
All fasteners /Bolts / Safety pins	Satisfactory	
Electrical System	Satisfactory	
Hydraulic System	Satisfactory	
Caution rotary light	Satisfactory	
Reverse Horn / Light	Satisfactory	
Fire extinguisher	Satisfactory	
Anemometer(if fitted or hand held)	N/A	
General condition (structural integrity/functionality)	Satisfactory	
Display marking (SWL/tyre pressure/ insp.date/due date)	Satisfactory	

General comments: Nil

Approved by, Name &Signature: Gishin Thomas



Inspected by, Name & Signature: Madhu Pillai


