



## CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF MOBILE CRANE

**Certificate No: RA/36093/17/12/02**

**Date of Inspection: 12/12/2017**

|                                                                                                                                                                                                                                                                                |                               |        |           |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------|-----------|-------------------|
| Name and Address of the Owner:                                                                                                                                                                                                                                                 | <b>TRUCK OMAN</b>             |        |           |                   |
| Maker & Date of Manufacture:                                                                                                                                                                                                                                                   | TADANO – 2011                 |        |           |                   |
| Place of Inspection:                                                                                                                                                                                                                                                           | HAIMA                         |        |           |                   |
| Ref. Standard:                                                                                                                                                                                                                                                                 | <b>BS 7121-2-3; PR 1708</b>   |        |           |                   |
| Registration No.& Owner No.:                                                                                                                                                                                                                                                   | 809 HK & PLM-1481             |        |           |                   |
| Model and Serial No.:                                                                                                                                                                                                                                                          | GT-800-EX & 475443            |        |           |                   |
| Nr. of running hours and/or km read out:                                                                                                                                                                                                                                       | 14324 Hrs.                    |        |           |                   |
| Manufacturer's documentation:                                                                                                                                                                                                                                                  | OK                            |        |           |                   |
| Date of Previous inspection / cert. no:                                                                                                                                                                                                                                        | 08/12/2016 ; A/33086/16/12/01 |        |           |                   |
| Date of Next inspection :                                                                                                                                                                                                                                                      | 11/12/2018                    |        |           |                   |
| Date of Previous load test/ cert. no:                                                                                                                                                                                                                                          | 4/7/2015 (MP/29905/15/7/59)   |        |           |                   |
| Date of Next load test:                                                                                                                                                                                                                                                        | 3/7/2019                      |        |           |                   |
| 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: <b>Diesel powered, Hydraulically operated, telescopic boom truck mounted mobile crane</b><br>Max.capacity of crane 80 tonnes at 11.5m boom length and 2.5m radius and using 19mm steel wire rope at 16falls.<br>with counter weight : 17.9 t             |                               |        |           |                   |
| <b>Test carried out according to tabulated column</b>                                                                                                                                                                                                                          |                               |        |           |                   |
| <b>Description of test: (configuration of the crane at the time of inspection)</b><br><br>No. of falls: 10 Falls<br><br>Main hook block S.N: 2427/001<br><br>Main hook capacity: 80 t<br><br>Main hook cert. no. : 5705<br><br>Wire rope certificate no:<br>SN-11686 (08/2013) | Boom length                   | Radius | Test load | Safe working load |
|                                                                                                                                                                                                                                                                                | (m)                           | (m)    | Tonnes    | Tonnes            |
|                                                                                                                                                                                                                                                                                | 15.56m                        | 3m     | ---       | 47 t              |
|                                                                                                                                                                                                                                                                                | 27.5m                         | 16m    | 10.2 t    | 10.2 t            |
|                                                                                                                                                                                                                                                                                | 44m                           | 40m    | ---       | 1.5 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       | Not stowed                       |
| 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)                                                          | ✓         | 27/01/2015 (A/28437/15/01/32)    |
| 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                                                                                       | Nil       |                                  |
| All fasteners /Bolts / Safety pins                                                                       | ✓         |                                  |
| Electrical System                                                                                        | ✓         |                                  |
| Hydraulic System                                                                                         | ✓         |                                  |
| Caution rotary light                                                                                     | ✓         |                                  |
| Reverse Horn / Light                                                                                     | ✓         |                                  |
| Fire extinguisher                                                                                        | ✓         |                                  |
| Anemometer(if fitted or hand held)                                                                       | Nil       |                                  |
| 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: Vijeesh Ravi



