



AN ISO/IEC 17020 ACCREDITED INSPECTION BODY

**CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

Certificate No: V/41594/19/10/02

Date of Inspection: 26/10/2019

|                                                                            |                   |                                           |                             |                             |                                       |        |        |
|----------------------------------------------------------------------------|-------------------|-------------------------------------------|-----------------------------|-----------------------------|---------------------------------------|--------|--------|
| <b>Crane details</b>                                                       |                   |                                           |                             |                             |                                       |        |        |
| Name and Address of the Owner:                                             |                   | TRUCK OMAN                                |                             |                             |                                       |        |        |
| Make & Date of Manufacture:                                                |                   | KATO – 2006                               |                             |                             |                                       |        |        |
| Location of Inspection:                                                    |                   | SAFAH                                     |                             |                             |                                       |        |        |
| Ref. Standard:                                                             |                   | BS 7121-2-3; SP 2275                      |                             |                             |                                       |        |        |
| Registration No.& Owner No.:                                               |                   | 5431 MR ; TO 430                          |                             |                             |                                       |        |        |
| Model and Serial No.:                                                      |                   | NK 500 E ; 4415906                        |                             |                             |                                       |        |        |
| Date of previous inspection / cert. No:                                    |                   | 31/12/2018 ; 39026/18/12/20               |                             |                             |                                       |        |        |
| <b>Date of next inspection and testing :</b>                               |                   | 25/10/2020                                |                             |                             |                                       |        |        |
| Availability OEM certificate                                               |                   | Available                                 |                             |                             |                                       |        |        |
| 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:                                       |                   | H.834699                                  |                             |                             |                                       |        |        |
| Auxiliary wire rope diameter and condition                                 |                   | Not Fitted                                |                             |                             |                                       |        |        |
| Auxiliary wire rope certificate No:                                        |                   | Not Available                             |                             |                             |                                       |        |        |
| <b>Crane Description</b>                                                   | <b>Crane type</b> | <b>Maximum SWL</b>                        | <b>Range of Boom length</b> | <b>Fly Jib length</b>       | <b>Counter weight (if applicable)</b> |        |        |
| Diesel powered, hydraulically operated telescopic boom                     | Truck Mounted     | 50 t                                      | 10.8m to 40m                | N/A                         | Fixed                                 |        |        |
| <b>Crane present configuration at the time of inspection:</b>              |                   | <b>Boom length</b>                        | <b>Radius</b>               | <b>Applied load (Tonne)</b> | <b>Safe working load (Tonne)</b>      |        |        |
| SWL @ No of falls: 36.8t @ 8 Falls                                         |                   |                                           |                             |                             |                                       |        |        |
| counter weight: Fixed                                                      |                   |                                           |                             |                             |                                       |        |        |
| Main hook/SWL: 50 t                                                        |                   |                                           |                             |                             |                                       |        |        |
| Main hook SL no: 6J-241                                                    |                   |                                           |                             |                             |                                       |        |        |
| Aux hook SL No: Not fitted                                                 |                   |                                           |                             |                             |                                       |        |        |
|                                                                            |                   | <b>Main hoist</b>                         | <b>Minimum</b>              | 10.8m                       | 5.5m                                  | ---    | 27.5 t |
|                                                                            |                   |                                           | <b>Intermediate</b>         | 18.1m                       | 8.5m                                  | 15.6 t | 15.6 t |
|                                                                            |                   |                                           | <b>Maximum</b>              | 40m                         | 31m                                   | ---    | 0.60 t |
|                                                                            |                   | <b>Auxiliary hoist (where applicable)</b> | ---                         | ---                         | ----                                  | ----   | ----   |
| <b>1. Conclusion:</b> Fit for its intended use at the time of examination. |                   |                                           |                             |                             |                                       |        |        |

Approved by, Name & Signature: Mr. Gishin Thomas. Inspected by, Name & Signature: Mohammed Anaz

*Gishin Thomas*



*Mohammed Anaz*



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**Annexure of certificate of thorough examination of mobile crane**

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| Description                                                                                              | Condition      | Remarks                   |
|----------------------------------------------------------------------------------------------------------|----------------|---------------------------|
| Safe load indicator/calibration verified                                                                 | Satisfactory   |                           |
| Level indicator / Boom Angle indicator                                                                   | Satisfactory   |                           |
| Telescopic boom extensions/Boompads/Rope guides                                                          | Satisfactory   |                           |
| Lattice boom sections/Connecting pins/Boom back stops                                                    | Not Applicable |                           |
| Mast and its attachments                                                                                 | Not Applicable |                           |
| Pendant ropes                                                                                            | Not Applicable |                           |
| Fly Jib / Luffing jib/ Derricking interlocksecurity                                                      | Not fitted     | Stowed                    |
| Main hoist winch/ Hoist drum / Correct spooling                                                          | Satisfactory   |                           |
| Main hoist wire ropes and termination                                                                    | Satisfactory   |                           |
| Auxiliary hoist winch/ Hoist drum / Correct spooling                                                     | Not fitted     |                           |
| Auxiliary wire ropes and termination                                                                     | Not fitted     |                           |
| 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                                                                                | Not Applicable |                           |
| Swing machinery /Swing alarm / Swing lock                                                                | Satisfactory   |                           |
| Hook block system/Safety catch                                                                           | Satisfactory   |                           |
| 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                                                                                       | Not Available  |                           |
| 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)                                                                       | Satisfactory   | Recommended for hand held |
| General condition (structural integrity/functionality)                                                   | Satisfactory   |                           |
| Display marking (SWL / tyre pressure/ insp date/due date)                                                | Satisfactory   |                           |
| Details of tools/equipments used: Vernier Caliper (STS-LD-53) ; Measuring tape (STS-LD-60).              |                |                           |
| <b>2. General comment: NONE</b>                                                                          |                |                           |

Approved by, Name & Signature: Mr. Gishin Thomas. Inspected by, Name & Signature: Mohammed Anaz

