

**AN ISO/IEC 17020 ACCREDITED INSPECTION BODY**

**CERTIFICATE OF THOROUGH EXAMINATION OF MOBILE CRANE**

**Certificate No: GTK/48664/22/03/05**

**Date of Inspection: 30/03/2022**

| Crane details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                                    |                      |                |                                |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------|----------------------|----------------|--------------------------------|---------------------------|
| Name and Address of the Owner:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | TRUCK OMAN EQUIPMENT RENTAL        |                      |                |                                |                           |
| Make & Date of Manufacture:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | GROVE 2012                         |                      |                |                                |                           |
| Location of Inspection:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | JIFNAIN                            |                      |                |                                |                           |
| Ref. Standard:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | BS 7121-2-3: SP 2275               |                      |                |                                |                           |
| Registration No.& Owner No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               | 6267 YR & PLM 1484                 |                      |                |                                |                           |
| Model and Serial No.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | RT-530E-2 & 258453                 |                      |                |                                |                           |
| Date of previous inspection / cert. No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | 18/04/2021; A/46655/21/04/01       |                      |                |                                |                           |
| Date of next inspection and testing :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | 29/03/2023                         |                      |                |                                |                           |
| Availability OEM certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               | In Service Equipment               |                      |                |                                |                           |
| Availability of operations manual in cab:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               | Not Available                      |                      |                |                                |                           |
| Availability of load Chart in cab:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | Available                          |                      |                |                                |                           |
| Availability of daily check report:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | Available                          |                      |                |                                |                           |
| Main hoist wire rope diameter and condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | 16.2 mm, Satisfactory              |                      |                |                                |                           |
| Main hoist wire rope certificate No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 201303-2075-09 (MBS-25.6t)         |                      |                |                                |                           |
| Auxiliary wire rope diameter and condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | Not Available                      |                      |                |                                |                           |
| Auxiliary wire rope certificate No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | Not Available                      |                      |                |                                |                           |
| 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 | 30t                                | 8.8 m To 29 m        | NA             | Fixed                          |                           |
| <b>Crane present configuration at the time of inspection:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | Boom length (m)                    |                      | Radius (m)     | Applied load (Tonne)           | Safe working load (Tonne) |
| SWL @ No of falls: 30t @ 6 Falls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                    |                      |                |                                |                           |
| counter weight: Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                    |                      |                |                                |                           |
| Main hook/Aux hook SWL: 30t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                    |                      |                |                                |                           |
| Main hook SL no: F-BF-076                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                                    |                      |                |                                |                           |
| Aux hook SL No: NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                    |                      |                |                                |                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               | Auxiliary hoist (where applicable) |                      |                |                                |                           |
| <b>Conclusion:</b> 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: Mohammed Anaz





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

**Certificate No: GTK/48664/22/03/05**

**Date of Inspection: 30/03/2022**

| Status Legend: S- Satisfactory NA-Not applicable F-Findings CF-Critical Findings                                               |                                             |                                       |     |                                                                                                          |        |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------|-----|----------------------------------------------------------------------------------------------------------|--------|
| No.                                                                                                                            | Description                                 | Status                                | No. | Description                                                                                              | Status |
| 1                                                                                                                              | Operations Manual/Catalogue                 | F                                     | 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                    | S                                     | 29  | Hydraulic System                                                                                         | S      |
| 10                                                                                                                             | Pendant ropes                               | NA                                    | 30  | Caution rotary light                                                                                     | S      |
| 11                                                                                                                             | Fly Jib / Derricking interlock security     | NA                                    | 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)                                                                       | NA     |
| 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)                                                                                       | S      |
| 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      |
| <b>Details of tools/equipment used: STS-SL-01; MT-STs-LD-77, VR-STs-LD-78, SG-STs-LD-76; PG-STs-LD-79; Load Cell- DLM 2530</b> |                                             |                                       |     |                                                                                                          |        |
| <b>Findings/Critical Findings Report</b>                                                                                       |                                             |                                       |     |                                                                                                          |        |
| F/CF                                                                                                                           | No.                                         | Remarks                               |     |                                                                                                          |        |
| F                                                                                                                              | 1                                           | Provide operators Manual In Cabin     |     |                                                                                                          |        |
| --                                                                                                                             | 30                                          | Hook MPI 30/03/2022;AB/48664/22/03/01 |     |                                                                                                          |        |
|                                                                                                                                |                                             |                                       |     |                                                                                                          |        |

