

## CERTIFICATE OF THOROUGH EXAMINATION

This Report Complies With Lifting Operation and Lifting Equipment Regulations

Certificate Page: 1 Of 4

|                                         |                            |                               |
|-----------------------------------------|----------------------------|-------------------------------|
| Date of Through Examination: 15/08/2026 | Date of Report: 15/08/2026 | Report Number: RAS-U-26083035 |
|-----------------------------------------|----------------------------|-------------------------------|

|                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                    |                                                                                                                          |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Description and identification of the equipment:</b><br><br><b>Lorry Loader Crane, Telescopic Boom, Diesel powered, Hydraulic Operated</b>                                                                                    |  | <b>Manufacturer:</b> HINO<br><b>Year of Manufacture:</b> 1999<br><b>Model:</b> FD176B<br><b>Serial Number:</b> FD176B18290<br><b>Chassis Number:</b> FD176B18290<br><b>Plate Number:</b> 14 R66727 |                                                                                                                          |  |
| <b>Name and address of employer for whom the thorough examination was made:</b><br><b>RAMAAL AL-BURJSIH Company</b><br><b>Address of premises at which the examination was made:</b><br><b>Rayat Al-Sharq Yard / Al-Burjesia</b> |  | <b>Crane Model Number:</b> ZF364<br><b>Crane Serial Number:</b> EE8114<br><b>Crane Manufacturer:</b> EE8114<br><b>Year of Manufacture:</b> 1996<br><b>Hook Serial Number:</b> PZ69                 | <b>Crane Capacity:</b> 2.93 Ton<br><b>Hook Capacity:</b> 2.93 Ton<br><b>SWL:</b> 2.93 Ton<br><b>Wire Rope Dia:</b> 08 mm |                                                                                     |

### EXAMINED IN ACCORDING TO BS EN 7121-2-3

| Description Details of Load Test @4 Falls    | Boom Length (m) | Radius (m) | SWL (Kg) | Proof Load (Kg) |
|----------------------------------------------|-----------------|------------|----------|-----------------|
| Load test at 100 % SWL @4 Falls (Min.radius) | 3.52            | 2.2        | 980      | NIL             |
| Load test at 100 % SWL (Intermediate radius) | 7.95            | 2.5        | 700      | Function test   |
| Load test at 100 % SWL (Max.radius)          | 10.1            | 2.93       | 600      | Function test   |

|                                                                                         |                                                    |    |     |    |
|-----------------------------------------------------------------------------------------|----------------------------------------------------|----|-----|----|
| Is this the first examination after installation or assembly at a new site or location? | Was the examination carried out:                   |    |     |    |
|                                                                                         | YES                                                | NO | YES | NO |
| If the answer to the above question is YES, has the equipment been installed correctly? | Within an interval of 6 months?                    |    |     |    |
|                                                                                         | YES                                                | NO | YES | NO |
|                                                                                         | Within an interval of 12 months?                   |    |     |    |
|                                                                                         | YES                                                | NO | YES | NO |
|                                                                                         | In accordance with an examination scheme?          |    |     |    |
|                                                                                         | YES                                                | NO | YES | NO |
|                                                                                         | After the occurrence of exceptional circumstances? |    |     |    |
|                                                                                         | YES                                                | NO | YES | NO |

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **NONE**

Is the above a defect which is of immediate danger to persons **YES** **NO**

Is the above a defect which is not yet but could become a danger to persons: (if YES state the date by when) **NONE** Yes by:

Identification of any part found to have a defect which is or could become a danger to persons and a description of the defect: **NONE**

Particulars of any test carried out as part of examination:  
 -The Equipment Has Been Function, Load & Proof Load Tested in Accordance with Standard **BS 7121-2-4:2013**  
 - MPI Has Been Done to the Hook According to **ASTME 709**.

**IS THIS EQUIPMENT SAFE TO OPERATE?** **YES** **NO**

Name & Qualifications of person making this report: **Mustafa Salman**  
 Name of person authenticating this report: **Ahmed Yahya**  
 Latest date by which next thorough examination must be carried out: **14/08/2027**

Name and address of employer of person making and authenticating this report:  
**Hussein Ali Hussein, Basra, Burjesia**



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Report Number: RAS-U-26083035

Certificate Page: 2 Of 4

| GENERAL DESCRIPTION OF THE EQUIPMENT         | Status |    |    |          |
|----------------------------------------------|--------|----|----|----------|
|                                              | OK     | NO | NA | Comments |
| <b>1 – OPERATOR CAB</b>                      |        |    |    |          |
| Manufacturer's operation manual              | ✓      |    |    |          |
| Load chart & operator competency certificate | ✓      |    |    |          |
| Controls / marking & air condition           | ✓      |    |    |          |
| Window / wipers / chair / door look & seals  | ✓      |    |    |          |
| Body work                                    | ✓      |    |    |          |
| <b>2 – Boom</b>                              |        |    |    |          |
| Base section properly attached               | ✓      |    |    |          |
| Boom structure                               | ✓      |    |    |          |
| Boom angle indicator                         | ✓      |    |    |          |
| Hoist line guides                            | ✓      |    |    |          |
| <b>3 – Hydraulic System</b>                  |        |    |    |          |
| Hydraulic oil level                          | ✓      |    |    |          |
| Outrigger cylinders                          | ✓      |    |    |          |
| Boom cylinder                                | ✓      |    |    |          |
| System & Hoses                               | ✓      |    |    |          |
| <b>4 – Load Hook &amp; Block</b>             |        |    |    |          |
| Sheave functions smoothly                    | ✓      |    |    |          |
| Hook rotates freely lubricated               | ✓      |    |    |          |
| Hook latches                                 | ✓      |    |    |          |
| <b>5 – Drum</b>                              |        |    |    |          |
| Spooling of hoist lines                      | ✓      |    |    |          |
| Drum shields cracks                          | ✓      |    |    |          |
| Drum sides cracks                            | ✓      |    |    |          |
| <b>6 – Hoist line</b>                        |        |    |    |          |
| Overall condition                            | ✓      |    |    |          |
| End connections                              | ✓      |    |    |          |
| Lubricated                                   | ✓      |    |    |          |
| Clips                                        | ✓      |    |    |          |
| <b>7 – Stabilizers</b>                       |        |    |    |          |
| Stabilizers beam cam                         | ✓      |    |    |          |
| Stabilizers beam secondary locks             | ✓      |    |    |          |
| Stabilizers Hoses & Pipe works               | ✓      |    |    |          |
| <b>8 – Loader Crane</b>                      |        |    |    |          |
| Operation of control levers                  | ✓      |    |    |          |
| Attachment of loader to vehicle              | ✓      |    |    |          |
| Emergency Stop Switches                      | ✓      |    |    |          |



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Report Number: RAS-U-26083035

Certificate Page: 3 Of 4

| 9 – Safety Devices     | OK | NO | NA | Comments |  |
|------------------------|----|----|----|----------|--|
| Anti-two blocks system | ✓  |    |    |          |  |
| Warning alarms         | ✓  |    |    |          |  |
| Safety equipment       | ✓  |    |    |          |  |



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Report Number: RAS-U-26083035

Certificate Page: 4 Of 4

| LOAD TEST & NDT (MPI) REPORT       |                                   |                         |            |
|------------------------------------|-----------------------------------|-------------------------|------------|
| Report No:                         | 26083035                          | Examination Date:       | 15/08/2026 |
| LOAD TEST                          |                                   |                         |            |
| Equipment Details                  |                                   |                         |            |
| Load Cell Serial No: 30682 / 25532 | Vernier Caliper S/N: 400 0576 010 | Measuring Tape S/N: N/A |            |

| NDT (MPI) FOR CRANE'S HOOK |               |                 |                |                 |                |
|----------------------------|---------------|-----------------|----------------|-----------------|----------------|
| NDT Details                |               |                 |                |                 |                |
| Standard:                  | ASTME 709     | Equipment type: | PERMENANT YOKE | Contrast Media: | WHITE CONTRAST |
| Viewing Condition          | Colored media | Method          | WET            | Indicator:      | BLACK INK      |
| NDT Equipment Details      |               |                 |                |                 |                |
| YOKE S/N                   | A12-512       | WHITE CONTRAST  | MagnavisWCP-2  | BLACK INK       | Magnavis7HF    |



| Hook Details | Main Hook Serial Number: | PZ69     |
|--------------|--------------------------|----------|
|              | Main Hook SWL:           | 2.93 Ton |

### NDT Procedure

Visual & MPI CARRIED OUT FOR THE ABOVE DESCRIPTION AND FOUND FREE OF SURFACE DEFECTS AT THE TIME OF INSPECTION

Identification of any part found to have a defect and a description of the defect: **NONE**

Particulars of any repair, renewal or alteration required to remedy the defect identified above: **NONE**

ASNT Level II Inspector Name & Signature: Mustafa Salman

RESULT: **PASS**

