

# CERTIFICATE OF THOROUGH EXAMINATION SHACKLE

Date of Issue: DateOfInspection

CertificateNo.: **JO-10112/1**

This equipment certificate complies with the requirements of Emirates International Accreditation Centre for inspection bodies working in the field of Lifting Equipment and Lifting Accessories (EIAC-RQ-IB-002), reference standard BS EN 13889:2003+A1:2008 and Manufacturer's Specification.

Owner Name:  
Office Address: P.O. Box 2716  
Airport road, Rashidiya  
Dubai  
United Arab Emirates  
Equipment Location: Jebel Ali

| INSPECTION DETAILS                                                                         |                                                          |                            |                       |                   |                       |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------|-----------------------|-------------------|-----------------------|
| Date of Inspection:                                                                        | 25-03-2025                                               |                            | Expiry Date:          | 25-03-2025        |                       |
| Inspection Type:                                                                           | PERIODIC                                                 |                            |                       |                   |                       |
| Previous Inspection Report:                                                                | dggd                                                     |                            | Last Proof Load Test: | 25-03-2025        |                       |
| Test Method                                                                                | dnbdh                                                    | Calibrated Test Equipment: |                       | dbbdhd            |                       |
|                                                                                            |                                                          | Client Test Equipment:     |                       | dbbdj             |                       |
| EQUIPMENT INFORMATION                                                                      |                                                          |                            |                       |                   |                       |
| EQUIPMENT ID & SERIAL NO.:                                                                 | EQUIPMENT DESCRIPTION                                    | QTY                        | WORKING LOAD LIMIT    | TEST LOAD APPLIED | TYPE OF TEST & RESULT |
| dhhd                                                                                       | Manufacturer: dbbd<br>Shackle Diameter: 7<br>Grade: djdj | 5                          | 6                     | 5                 | djnd                  |
| The owner shall perform the next inspection no later than 3 Months From the date of issue. |                                                          |                            |                       |                   |                       |

This is to certify that the above item/s described in this certificate was tested and particulars are correct.

CSSC has inventoried, inspected, verified and tested above mentioned equipment in accordance with the reference standards cited herein and consistent with CSSC policies and procedure. We certify this above mentioned equipment is **SAFE TO USE**, condition prevails at the time of this inspection, safe to use further with qualified operator. That the owner or his designated agent or contractor, hereafter owner, continues to perform maintenance in accordance with the original equipment manufacturer's preventive maintenance guideline and procedures and makes no unauthorized changes to the equipment's controls and mechanisms. CSSC makes no claims regarding the condition or safety of the equipment after we have completed this inspection and departed the property. CSSC disclaims any warranty of any kind either expressed or implied including without limitation warranties of merchantability or fitness for a particular purpose. This certificate becomes invalid in the event of any repair or alterations are done, in which case it must be retested.

All the information obtained /gathered during the inspection shall be preserved as confidential.

This inspection has been carried out as per local order no. : 2/2010;

This inspection certificate / report shall not be reproduced except in full without the approval of Claymore and the Client.

Inspected By: Maricris Barro Elcano

Name & Signature of Inspector

Claymore Security and Safety Consultants, P.O. Box 23420 Dubai & Abu Dhabi, U.A.E., Tel. No.: 04 884 8446

E-mail: [claysafe@claycss.ae](mailto:claysafe@claycss.ae), Website: [www.claymoresafe.ae](http://www.claymoresafe.ae)

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| EXAMINATION REPORT              |                                                                                                                                                                                                                                               |                          |                                     |                          |                          |         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|---------|
| EQUIPMENT PARTS                 |                                                                                                                                                                                                                                               | S                        | NS                                  | NA                       | SE                       | REMARKS |
| <b>Document verification</b>    |                                                                                                                                                                                                                                               |                          |                                     |                          |                          |         |
| 1.                              | Manufacturer's Declaration of Conformity (if New)                                                                                                                                                                                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.                              | Previous Third Party Inspection (If Used)                                                                                                                                                                                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| <b>Component</b>                |                                                                                                                                                                                                                                               |                          |                                     |                          |                          |         |
| 3.                              | Check shackle for clear & legible marked with a unique identification mark, manufacturer's name or symbol, working load limit (WLL)                                                                                                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 4.                              | Grade of material of shackle constructed from is identified, i.e grade 6.                                                                                                                                                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 5.                              | Shackle body and pin must be of the same grade                                                                                                                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 6.                              | Check for wear not more than 8% reduction in material diameter on either the pin or the body                                                                                                                                                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 7.                              | Inside width at pin:                                                                                                                                                                                                                          |                          |                                     |                          |                          |         |
|                                 | 0.5t up to and including 2t : $\pm 2.5\text{mm}$                                                                                                                                                                                              | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
|                                 | 3.25t up to and including 9.5t : $\pm 3\text{mm}$                                                                                                                                                                                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
|                                 | 12t up to and including 25t : $\pm 4\text{mm}$                                                                                                                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 8.                              | Max diameter of unthreaded hole in shackle 1.1 x D or D+1.5mm (where D is the actual pin diameter), (whichever is the greater) and holes must be align                                                                                        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 9.                              | Bearing points (shackle and pin)                                                                                                                                                                                                              | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| <b>Bow Diameter (Tolerance)</b> |                                                                                                                                                                                                                                               |                          |                                     |                          |                          |         |
| 10.                             | Bow Diameter:                                                                                                                                                                                                                                 |                          |                                     |                          |                          |         |
|                                 | 0.5 up to and including 2t : $+ 1.5\text{mm} / - 1\text{mm}$                                                                                                                                                                                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
|                                 | 3.25 up to and including 12t : $\pm 2.5\text{mm}$                                                                                                                                                                                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
|                                 | 13.25 up to and including 25t : $\pm 3\text{mm}$                                                                                                                                                                                              | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| <b>Shackle Pin (Tolerance)</b>  |                                                                                                                                                                                                                                               |                          |                                     |                          |                          |         |
| 11.                             | Pin Diameter:                                                                                                                                                                                                                                 |                          |                                     |                          |                          |         |
|                                 | 0.5 up to and including 2t : $\pm 1\text{mm}$                                                                                                                                                                                                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
|                                 | 3.25 up to and including 25t : $\pm 2\text{mm}$                                                                                                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 12.                             | <u>Thread:</u><br>Visible thread after tightening in between jaws not more than 1.5 thread pitch (for screw pin) or there shall be no thread visible between the jaws of the shackle (for bolt & nut pin)                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 13.                             | Pin must be correctly screwed into the shackle eye                                                                                                                                                                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 14.                             | Collar diameter or width across the flats of the nut shall be at least 1.2 D or D+3mm (whichever is greater)                                                                                                                                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 15.                             | <u>All shackle pins:</u><br>13mm diameter and above, shall be legibly and indelibly marked with the relevant grade number traceability code and manufacturer's symbol in a manner which will not impair the mechanical properties of the pin. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
|                                 | Pins below 13mm diameter shall be marked with at least either the grade number or the traceability code.                                                                                                                                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 16.                             | Verify availability & condition of split pin if applicable                                                                                                                                                                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 17.                             | Check and verify applicable local color coding                                                                                                                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |

S-Satisfactory, NS-Not Satisfactory, NA-Not Applicable, SE-Serviceable ♦ Finding ● Critical Finding

|                                    |                          |                       |
|------------------------------------|--------------------------|-----------------------|
| Finding: string                    | Critical Finding: string | Other Remarks: string |
| Target Date of Closure: 27-03-2025 | Target Date of Closure:  |                       |

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## PHOTOS OF INSPECTED SHACKLES

