

Job Title: Test Operative/Lifting Inspector – Lifting Industry

Location: Britannia House, Romalchkirk Road

Department: Engineering/Testing

Reports to: Testing Manager

Job Overview:

The **Test Engineer** will be responsible for planning, conducting, and overseeing the testing of lifting appliances, bespoke fabricated parts, and related equipment to ensure compliance with industry standards and safety regulations. Working within a mechanical testing facility, the role involves testing a wide range of lifting equipment, from small components to large structures, with capacities ranging up to several thousand tonnes.

Key Responsibilities:

- **Test Planning:** Adhere to detailed test plans and procedures based on technical specifications/drawings, project requirements, and industry standards (e.g., BS EN, ASME, DNV).
- **Testing Operations:** Execute mechanical load tests, proof tests, destructive and non-destructive testing of lifting appliances and fabricated components, including cranes, slings, shackles, spreader beams, and other bespoke lifting solutions. Understanding the operation of serving, socketing and testing wire ropes to the Usha Martin/Wirelock socketing standards.
- **Lifting Equipment Operations** – To carry out inspection & certification of various lifting equipment including chain slings, wire ropes slings, webbing slings, shackles, chainblock, pull-lifts, tirlors, hydraulic equipment and lifting beams. Carry out routine services and repairs on rigging equipment and controlling stock.
- **Data Collection & Analysis:** Monitor test results, collect data, and perform analysis to ensure equipment meets safety, functionality, and performance criteria.
- **Compliance & Reporting:** Ensure that all testing is compliant with relevant regulations (e.g., LOLER, PUWER), and prepare detailed reports and certifications for clients.
- **Equipment Maintenance:** Oversee the calibration and maintenance of testing equipment, hydraulic presses, load cells, and other measurement tools to ensure accuracy and reliability.
- **Health, Safety & Environment (HSE):** Enforce safety protocols and ensure that all testing operations are conducted in a safe manner, mitigating risks to personnel and equipment.
- **Client Liaison:** Collaborate with clients to understand specific project requirements, provide technical advice, and present test results.
- **Continuous Improvement:** Identify opportunities for improving test methods, equipment, and processes to enhance efficiency and safety.

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Key Skills and Qualifications:

- **Educational Background:** GCSE Qualifications in the following: Maths & English
- **Experience:** Minimum 1-2 years of experience in testing within the lifting, offshore, marine, or heavy manufacturing sectors.
- **Technical Knowledge:** Proficiency in mechanical testing techniques, including proof load testing, fatigue testing.
- **Industry Standards:** Familiarity with industry standards and regulations, such as BS EN 13155, ASME B30, DNV GL, and ISO 17025.
- **Software:** Experience using engineering software & Microsoft Excel for test data collection and analysis.
- **Communication:** Strong written and verbal communication skills for clear reporting and client interaction.
- **Problem Solving:** Ability to troubleshoot issues and make informed decisions under pressure.
- **Additional Requirements:**
 - Willingness to travel to customer sites or offshore environments as required.
 - Certification in lifting operations & inspection (e.g., LEEA, LOLER) is a plus.

Package & Salary:

Hourly Rate: Salary depending on experience and skillset, qualification and knowledge.

7:45am – 4:00pm - 38.75 hours per week plus overtime.

Tablet

Uplifted Holiday Pay

22 days per year holiday.

Training to be supplied by Durham Lifting.

- Inspection Qualifications.
- Rigging/Slinger banksman.

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