

LEI Module1- General Lifting

Duration	Five (5) Days
Target group	This course is aimed at delegates who are employed in the lifting equipment inspection industry, or company personnel who are involved in the control and/or coordination and purchasing of lifting equipment. It would also be beneficial to those have no previous experience or have experience but who require refresher training.
Prerequisites	None required
Objective	Designed to give delegates the technical aspects of proof load testing and thorough examination of lifting accessories and manual appliances. The course also covers the preparation of certificates and a series of practical assessments that cover the performance, range statement and knowledge requirements of national standards of competence. The successful completion of this programme will provide valuable evidence towards the EAL competence qualification.
Contents	<p>Delegates who successfully complete this course will acquire the following knowledge and skills:</p> <ol style="list-style-type: none">1.1. Wire rope1.2. Wire rope and Fittings1.3. Man-made Fibre Slings1.4. Chain Slings1.5. Shackles1.6. Hooks1.7. Open Wedge Sockets1.8. Eye Bolts and Pad eyes1.9. Rigging Screws / Turnbuckles1.10. Manual Hoists (Chain blocks)1.11. Lever Hoists (Pull Lifts)1.12. Wire Rope Hoists (Tirfors)1.13. Beam Clamps1.14. Beam Trolleys1.15. Lifting Clamps1.16. Sheave Blocks / Crane Blocks1.17. Hydraulic Cylinders, Jacks and Pumps1.18. Miscellaneous <p>Course Handout: The International Rigging & Lifting Handbook and Inspection Procedures.</p> <p>Please see the below requirements for practical activities to be provided by Client:</p> <ul style="list-style-type: none">• Observation of Manufacturing and Testing Operations• Testing of Chain Block• Testing of Lever Hoist• Testing of Wire Rope• Testing of Endless Round Sling• Inspection of defective equipment• Load cell

Exam

Delegates will be assessed against the Learning Outcomes specified in the Content Section using direct observation and oral and/or written questions as appropriate. Delegates will be required to undertake a written test. The pass mark for this course is 80%.

Should a delegate encounter challenges to meet these Learning Outcomes, RON shall provide additional coaching as an opportunity to meet those requirements.