

RIGGER CERTIFICATION PROCESS

1.0 Scope:

The riggers certification program has been developed to include all the processes and tasks needed to evaluate knowledge and skills for individuals who are seeking certification for riggers.

2.0 References:

- ISO 17024:2012 - Conformity Assessment, General Requirements for Bodies Operating Certification of Persons
- Rigger Certification Scheme Document

3.0 Objectives

The Riggers Certification Program was developed to identify those individuals with the professional knowledge and skills worthy of being designated as a Certified Rigger. Therefore, the Riggers Certification Program is intended to accomplish the following objectives:

- Identify riggers who meet or exceed the minimum criteria for certification.
- Stimulate the improvement of rigging and establish it as a certifiable profession.
- Enhance the practice and profession of rigging through validated and reliable certification instruments.
- Directly promote rigger competency and a safer work environment.
- Organize and implement a comprehensive program for the qualification of riggers.
- Promote the development of knowledge and skills of those interested in the rigging profession.
- Provide technical assistance to agencies having regulatory authority applicable to testing and certification of riggers.

3.1 Written Exam

- Core examination may be administered separately if the candidate would like to take more than one speciality.
- Core and speciality examinations may be administered separately or combined if the candidates would like to take only one speciality.
- The written examination has multiple-choice questions (appx. 30 nos) in the line with Dubai Accreditation Centre's requirements and recommendations as well as the scheme of certification processes. **A candidate must pass both Written and Practical Examination to be certified for a One Year Period and his score should not less than 80% for written exam and 75% for practical**
- The written examination will NOT be an Open Book Material.
- Written exams will be taken as paper/pen tests.
- This assessment is carried out to evaluate the qualification of riggers with regards the safe lifting procedures and risk assessment.

3.2 Rigger Practical Examination

Will be carried out to evaluate the competences of rigger (individually) with regards:

Scope of the Rigging Activity

- Knowing how to identify the load's travel path

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- Knowing how to identify load characteristics
- Knowing how to verify the load weight
- Knowing how to identify the attachment points
- How to recognize special handling requirements
- How to recognize unsafe rigging practices such as Pinch points, Need for softeners, load stability, Shock load, Side load, Body positioning, Electrical hazards
- Knowing how to identify hazards
- Knowing how to communicate hazard identification
- Knowing how to give signals by hand /radio.
- Knowing how to identify slings like Chain, Wire rope, Metal mesh, Synthetic rope, and Synthetic web. etc.
- Knowing how to identify rigging hardware like shackles, adjustable hardware links, rings, and swivels, rigging locks, hooks, Hoists etc. dollies, skates, and rollers
- Knowing how to identify below-the-hook lifting devices:
 - Use of structural (lifting beams)
 - Use of mechanical lifting devices (including vacuum lifting devices)
 - Being in close proximity operated lifting magnets and the hazards
 - Use of remotely operated lifting magnets and the hazards
 - Use of scrap- and material-handling grapples and the hazards
 - Use of plate clamps
 - Use of beam and girder clamps

3.3 Inspection

- Knowledge on frequent inspection standards for slings, hooks, overhead hoists, rigging hardware, etc.
- Knowledge on inspection procedures for slings, hooks and other rigging hardware.
- Clearly understand the manufacturer recommendations for any of the rigging hardware.

3.4 Execution of Rigging Activity

- Knowledge of how to use slings like chain, wire rope, Metal mesh, Synthetic rope, Synthetic web, etc.
- Knowledge of how to select and use rigging hardware like Shackles, Adjustable hardware, Links, rings, and swivels, rigging blocks...etc.
- Knowledge of how to use below-the-hook lifting devices such as Structural (Lifting beams), Plate clamps, Beam and girder clamps
- Knowledge of proper use of tag lines and know proper use of basic knots
- Knowledge of post-load movement activities such as knows how to secure the load, knowhow to disconnect the rigging, knowledge on how to stow the lifting gear correctly.

3.5 Practical Examination Skills Tested

- Practical exam will be taken as oral/verbal examination.
- The EuroLink Safety Examiner will conduct the Practical Test at the client site, sufficient rigging tackles and the examiner will ensure that the examination process remains standardized for all candidates, wherever and whenever they may conduct the test.

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In all tasks, the examiner will brief the candidate on the rules and directions and performance requirement of when and how to start and stop.

3.6 Rigger Level 1:

The following is a sample outline of the practical testing procedure for Rigger certification.

The Rigger Practical Exam consists of four tasks:

Task 1: Pre-Use Rigging Inspection

- Candidate will inspect all of the rigging slings and hardware located in front of the candidate. and in the presence of the examiner, select those items that meet removal from service criteria and make a list of the items and their defects (minimum 04 samples to be used)

Task 2: Rigging Hitches

- Candidate must demonstrate at least five different hitches.

Task 3: Rigging Connections

- Candidate has to review the available rigging equipment indicating whether or not it is safe for use.
- Candidates are required to secure the hardware to finger-tight condition for the task assignment.
- The candidate must gather and assemble the rigging materials that are required to complete the assigned task. The candidate will then perform a lift.
- The candidate must disassemble the rigging assembly before continuing on to the next rigging assignment.

Task 4: Basic Knots

- The candidate must demonstrate different tying knots using a rope or ropes of different diameters.
- The candidate must demonstrate the following basic knots:
 - A clove hitch
 - An inside bowline
 - A square/reef
 - And two half hitches
- The candidate will be required to complete all phases of the test in sequence.

There are no time limit requirements for the Certified Rigger Level I Practical.

Once a practical examination starts for any certification area, it shall be finished prior starting other practical examination in other areas. Examiners are not allowed to combine the performance requirement of different specialities into one speciality.

Once the candidate has completed the Examinations:

- The Examiner will record the candidate performance.
- The Examiner is not permitted to review the candidate score sheet or discuss his performance on the test.
- The Examiner will evaluate and record the performance of candidate on the exam papers.



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3.7 Decision on Certification

The Examiner will submit all the candidate exam records and other relevant documents to the certification of person management to take a decision and record the exam scoring on the certification assessment application form.

The decision on certification of a candidate will be made solely by EuroLink Safety on the basis of the information gathered during the certification process. Personnel who make the decision on certification will not have participated in the examination of the candidate.

Decisions for granting, maintaining, recertifying, extending, reducing, suspending or withdrawing certification will be done by the EuroLink Safety and shall not be outsourced.

3.8 RE-SIT Examination for Initial Certification & Recertification

Under normal circumstances, a candidate must pass the written and practical exam for which he seeks certification but if such a case arises and he didn't pass, the following would apply:

- The candidate who passes the Written Examination, but does not pass the Practical Examination or vice versa, will then be required to re-sit that examination.
- The candidate will send a request for a Re-Sit Examination before two weeks of examination.
- The candidate has the opportunity to re-sit the written or/and practical examination at cost of 50% of Certification Fees/Exam.
- A candidate who fails in either one or both, being the written or: the practical examinations shall not undertake any further assessment until he undertakes a relevant training once again.