

1. Purpose

This scheme defines the competence, assessment, and certification requirements for **Rigger Level 2** candidates under the Eurolink Safety Training Center Personnel Certification System. Its goal is to verify that riggers can independently plan and execute complex rigging operations, ensuring safety, load stability, and compliance with recognized lifting standards.

2. Scope

Applies to riggers who:

- Carry out rigging and lifting tasks **without direct supervision**,
- Supervise Level 1 riggers,
- Interpret lifting plans and calculate loads,
- Ensure proper selection, inspection, and use of lifting gear.

Typical work settings include construction, industrial maintenance, oil & gas, and heavy-equipment operations.

3. Reference Documents

- ISO/IEC 17024:2012 – *Conformity assessment – Certification of persons*
- BS 7121 – *Safe use of cranes*
- ISO 12480-1 – *Cranes – Safe use – General*
- Saudi HSE and Ministry of Labor requirements
- Eurolink Procedures: PR_06 (Certification), PR_09 (Internal Audit), PR_12 (Risk & Impartiality), PR_08 (Appeals & Complaints)

4. Definitions

- **Rigger Level 2:** Competent person authorized to perform rigging activities independently and supervise Level 1 riggers.
- **Load Lift Plan:** Document identifying equipment, configuration, and method for a specific lift.
- **Lifting Accessories:** Slings, shackles, hooks, spreader beams, eye bolts, and related devices.

5. Job / Task Description

Rigger Level 2 performs and oversees rigging operations including:

- Planning lifting activities according to risk and load type.
- Selecting and inspecting lifting gear.
- Estimating load weight and center of gravity.
- Directing crane movements using approved hand / radio signals.
- Supervising rigging teams and ensuring safety compliance.
- Preparing simple lift plans and risk assessments.

6. Competence Requirements

Area	Knowledge & Understanding	Skill / Performance Criteria	Evidence Method
Rigging Planning	Load calculations, sling angles, CoG estimation, lift plan basics	Develop simple lift plan with correct slings & hardware	Written + Practical
Equipment Selection & Inspection	Detailed inspection criteria, safe working load, color codes	Select & inspect lifting gear, reject defective items	Practical
Supervision & Leadership	Team coordination, supervision of Level 1 riggers	Direct team safely & communicate clearly	Observation
Communication	Advanced hand & radio signals, site communication	Demonstrate precise signaling & radio use	Practical
Safety Management	Risk assessment, permit to work, lifting plan review	Implement site controls & use JSA forms	Written + Practical
Regulatory Compliance	BS 7121, ISO 12480, local safety rules	Apply regulations to lifting activities	Written
Documentation	Reports, equipment logs, lift checklists	Complete forms and records accurately	Observation

Minimum Passing Criteria:

- Written Exam $\geq 75\%$

- Practical Assessment = Competent in all critical criteria

7. Eligibility / Prerequisites

- **Age:** ≥ 18 years
- **Education:** Basic literacy and numeracy
- **Experience:** Minimum 1 year as Rigger Level 1 or equivalent field experience
- **Training:** Completion of approved Rigger Level 2 training (3–5 days minimum)
- **Medical:** Fit for lifting and height work
- **Documents Required:** Application Form (PR_06_F01), ID/Iqama copy, training certificate, impartiality & confidentiality declaration (Annex 03)

8. Assessment Process

Stage	Description	Responsibility	Record / Form
Application & Eligibility Review	Verify prerequisites & documents	Admin / Quality	PR_06_F01
Written Exam	40 MCQs on load calculation, safety, rigging theory	Examiner	Question Paper / Answer Sheet
Practical Assessment	Complex lift plan execution and signaling exercise	Examiner / Invigilator	Assessment Checklist PR_06_F02
Evaluation & Results	Compile scores & moderate	Technical Manager	Evaluation Summary
Certification Decision	Independent review by CDC	Quality Manager / CDC	Decision Record PR_06_F06

9. Certification Decision & Validity

- **Authority:** Certification Decision Committee
- **Validity:** 3 years
- **Certificate Includes:** Candidate Name, ID, Level 2 scope, issue & expiry dates, authorized signatures
- **Renewal:** Submit proof of continued competence & CPD evidence or re-exam

10. Suspension / Withdrawal / Scope Reduction

Certification may be suspended or withdrawn if the certified person:

- Breaches Code of Conduct or impartiality rules,
- Fails recertification or becomes medically unfit,
- Engages in unsafe rigging practices.

All status changes are logged in the Certification Register.

11. Code of Conduct

Rigger Level 2 personnel shall:

- Supervise rigging teams safely and fairly,
- Avoid actions that endanger people or property,
- Not train or examine their own candidates for certification,
- Protect confidential assessment information,
- Uphold Eurolink's impartiality and integrity.

12. Appeals & Complaints

Handled per **Appeals and Complaints Procedure (ESTC_SA_PR_08)**. Records retained for 10 years.

13. Confidentiality & Record Control

All records maintained per **Document & Record Control Procedure (ESTC_SA_PR_01)** with restricted access to Quality Manager / MR and Managing Director.

14. Recertification

Applicants for recertification must submit:

- Continued competence log or employer reference,
- Recent training or refresher course evidence,
- Updated medical fitness certificate.




Where records are insufficient, re-assessment is required.

15. Public Information

Eurolink Safety Training Center maintains a public registry listing:

- Certified person name and number
- Certification level and scope
- Validity status

16. Document Control

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