



TRAINING AND PROJECTS

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Course Title: Perform Basic Rigging Procedures

SAQA ID: 14706

NQF Level: 2

Credits: 4

Course Description:

This course provides learners with the essential skills and knowledge required to perform basic rigging procedures safely and effectively. It covers the principles of rigging, including the selection of appropriate lifting equipment, understanding load dynamics, and following safety regulations. Learners will gain hands-on experience in rigging techniques, ensuring that they can operate safely and efficiently in various construction and industrial environments.

Course Objectives:

By the end of this course, learners will be able to:

- Understand the fundamentals of rigging and lifting operations.
- Select the appropriate rigging equipment for specific lifting tasks.
- Demonstrate safe rigging practices and procedures.
- Calculate loads and understand weight distribution.
- Perform basic rigging tasks with confidence and adherence to safety standards.

Benefits of Completing this Course:

- Acquire critical skills for safe and effective rigging operations.
- Enhance workplace safety by understanding and applying rigging principles.
- Improve job performance in roles that require lifting and rigging tasks.
- Gain confidence in selecting and using rigging equipment appropriately.
- Receive a recognized qualification that supports career advancement in construction and related fields.

Who Should Attend:

- Construction workers and riggers.
- Crane operators and lifting team members.
- Supervisors and site managers involved in lifting operations.
- Individuals pursuing a career in construction or heavy lifting.



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Assessment:

Assessment will be based on the learner's ability to:

- Demonstrate knowledge of rigging principles and practices.
- Select and use the correct rigging equipment for specific lifting tasks.
- Conduct practical demonstrations of safe rigging procedures.
- Participate in discussions and activities related to rigging safety.

Specific Outcomes and Assessment Criteria:

By successfully completing this SAQA Unit Standard, learners will demonstrate competency in the following:

1. Understand Basic Rigging Principles:

- Explain the basic concepts of rigging and lifting, including types of loads and rigging systems.
- Discuss the importance of safety in rigging operations.
- Assessment Criteria: Written assessment on rigging principles and safety measures.

2. Select Appropriate Rigging Equipment:

- Identify different types of rigging equipment, including slings, hooks, and lifting devices.
- Assess task requirements to select suitable rigging equipment for lifting tasks.
- Assessment Criteria: Practical exercise requiring learners to select appropriate rigging equipment for specific scenarios.

3. Demonstrate Safe Rigging Practices:

- Follow safe operating procedures when rigging loads.
- Demonstrate proper techniques for securing and lifting loads safely.
- Assessment Criteria: Practical demonstration of safe rigging procedures in simulated lifting tasks.

4. Calculate Loads and Weight Distribution:

- Understand load dynamics, including weight, center of gravity, and load distribution.
- Perform basic calculations to determine safe lifting capacities.
- Assessment Criteria: Practical assessment on calculating loads and demonstrating understanding of weight distribution.



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5. Perform Basic Rigging Tasks:

- Execute basic rigging procedures for various lifting operations.
- Ensure that rigging tasks comply with safety regulations and industry standards.
- Assessment Criteria: Practical assessment of performing basic rigging tasks in a controlled environment.

By completing this course, learners will gain valuable skills in performing basic rigging procedures, contributing to safer and more efficient lifting operations in construction and industrial settings.