



**Product title:** Rigger Competence Reassessment (previously stage 4)

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**Product code:** 9199

**Product type:** OPITO Standard

**Product category:** Oil and Gas / Technical Roles

**Date of last update:** 19/05/2023 - Date of last update field added to product spec

### Who is the Product for?

This Product is for personnel that wish to renew their OPITO Rigger Competence or Rigger Competence Reassessment certificate

### What does this Product cover?

This Product is to establish that the learner has maintained the competence requirement for the Rigger role.

### How can you successfully achieve this Product?

To achieve the OPITO Rigger Competence Reassessment the learner will need to complete the 2 mandatory units

### What could this Product lead to?

Please refer to Rigger Training and Assessment Framework also.

### What are the entry requirements?

Learners must possess a valid OPITO-approved Rigger Competence **or** Rigger Competence Reassessment Certificate.

Note 1: Learners who possess an OPITO Rigger Assessment or Re-Assessment Certificate which has expired by more than 6 months will be required to attend the OPITO Rigger Initial Training prior to undertaking the Rigger Competence Assessment. In these instances, there will be no requirement to complete a Work Experience Logbook.

### Medical entry requirements

Training and/or assessment activities contained within this Product may include physically demanding and potentially stressful elements. All personnel who participate in such activities must be capable of participating fully.

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Therefore, OPITO-approved Centres are required, to ensure that prior to participating in practical exercises the learner undergoes medical screening by completing an appropriate medical screening form provided by the OPITO-approved Centre

The OPITO-approved Centre shall keep a record of the learner's declaration of fitness in accordance with their document control policy(s) or procedures.

This information, along with summary details of the type of physical activities the learner will be asked to perform, will be given to learners by the OPITO-approved Centre and, if applicable, to their sponsoring company as part of the joining instructions. The responsibility for declaring any current or pre-existing medical conditions that could have adverse effects to the individual's state of health while undertaking the training and/or assessment activities lies with the learner and/or company sponsoring the learner.

Where doubt exists regarding the fitness of any learner, the OPITO-approved Centre should direct the individual to consult a medical officer familiar with the nature and extent of the training.

Note: Practical exercises should be designed and delivered solely to meet this Product, and must not place on the learners any demands other than those required to meet the Product.

### **Country Specific if applicable?**

N/A

### **How is this Product assessed?**

Learners will be assessed against the outcomes specified in accordance with the assessment guidance detailed in each unit.

If unsuccessful learners must retake the OPITO Rigger Competence Reassessment. Learner's employer to decide how to address the competence gap to allow the Rigger to continue in the role.

### **Are there any ratios that must be adhered to for the delivery of this Product?**

The maximum number of learners undertaking the practical assessment is 4

The minimum number of learners undertaking the practical assessment is 2

The assessor-to-learner ratio is 1:1 (while four learners may be assessed within the group of learners, the assessor can only assess one learner at a time)

In instances where there are only two learners are under assessment, the training programme may be completed over the duration of a single day.

### **What are the Guided Learning Hours?**

The learners will be expected to carry out **two** rigging and lifting operations for their assessment, where they will be expected to lead the rigging and lifting operations.

Learners will also be required to assist other learners on **two** rigging and lifting operations.

The expected timings are:

1.5 hours per rigging and lifting operation

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1.5 hours allowed for the written test.

Note: Where assessment is conducted in the workplace: it must be completed within one trip or hitch; the length of the trip/hitch would depend on individual company work cycles.

## **What staff resources are required to deliver this Product?**

### **Assessor Requirements**

Assessors must:

- (a) Be occupationally competent
- (b) Assessors must hold an industry-recognised assessor qualification
- (c) Fully understand the OPITO-approved Assessment Centre's internal quality assurance of assessment processes and practices.
- (d) Fully understand the requirements of this Industry Standard
- (e) Fully understand the OPITO requirements for recording assessment decisions and securely maintaining accurate records of these.
- (f) Participate in regular standardisation meetings or events to ensure a consistent approach to assessment.
- (g) Undertake and record continuing professional development (CPD).

## **What facilities and equipment are required to deliver this Product?**

### **Location of Assessment**

It is recognised that certain elements of competence assessment can be more robust when carried out 'on-the-job'. Accordingly, this Standard has been deemed suitable for 'on-location' assessment. However, prior to any such assessments taking place, OPITO-Approved Training & Assessment Centres must comply with the following requirements:

- (a) Prior to initial approval, the Centre will specify a single onshore 'approved site' and advise OPITO of its intention to carry out assessments remotely, i.e. 'on-location'.
- (b) Prior to initial approval, the Centre will advise OPITO where all their remote assessments are expected to take place. After approval is awarded, any additional locations must be communicated to OPITO as and when they arise.
- (c) The Training & Assessment Centre shall ensure the suitability of 'on-location' facilities and arrangements prior to each assessment.
- (d) Documented evidence will be retained to show that assessment at the remote site meets the criteria detailed in this OPITO standard including, but not limited to, facilities, equipment and qualifications of relevant staff.
- (e) Documented evidence shall be retained that record all measures required to assure the quality and safety of 'on-location' assessment activities.
- (f) All records must be retained at the single onshore 'approved site' (see Point (a) above).
- (g) OPITO reserves the right to audit any or all the remote sites operated by the Centre at any time

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## Facilities

OPITO-approved Assessment Centres must, as a minimum, comply with the following:

**Practical** assessments must be planned to ensure that all the learners get an equal opportunity to demonstrate their rigging and lifting skills - as specified in this Standard.

All facilities must be maintained and where appropriate, inspected and tested in accordance with current standards/legislation.

## Equipment

As a minimum, the following equipment is required to meet the stated content of the Rigger Initial Training Programme:

- 1) Appropriate PPE e.g. safety boots, safety helmet, eye protection, hearing protection and gloves.
- 2) A variety of loads to be lifted e.g. structural steelwork, steelwork assemblies, pipework assemblies, plant and equipment, loads with an offset centre of gravity etc.
- 3) Examples damaged lifting equipment and lifting accessories
- 4) Appropriate lifting equipment typically found in a workplace rigging loft, to include:

1. Chain blocks
2. Lever hoists
3. Snatch blocks
4. Wire rope hoist (Tirfor)
5. Beam clamps (universal and standard)
6. Beam trolley
7. Master links
8. Shackles
9. Chain Slings
10. Wire rope slings
11. Fibre slings
12. Eye bolts and Eye nuts
13. Swivel hoist rings
14. Turnbuckles
15. Jacks\*
16. Machine skates\*

\*Where specific equipment is unavailable due to regional differences in operations or practice, appropriate substitutes may be implemented. Where alternative equipment is used it must allow for the same lifting operation outcome.

All equipment must be maintained, inspected and tested in accordance with applicable legislation and standards. Certificates and maintenance schedules should be always available.

**Note:** Damaged lifting equipment and lifting accessories - purposely used for specific assessment criteria by the approved centre - must be securely controlled and clearly identifiable to the assessor and centre support staff.

## What is the validity of this Product?

2 years

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Please note: If the expiry date on the learners previous certificate is within 3 months prior of the course enrolment date then the date of the new certificate should correspond with the expiry date of the existing/previous certificate unless stated otherwise by the Duty Holder or Asset Owner or Operator.

## Product Summary

### Product Structure:

To achieve the OPITO Rigger Competence Reassessment the learner will need to complete the 2 mandatory units

| Unit Code | Unit Title                                     |
|-----------|--|
| OIS-202   | Plan, Prepare, Lift and Move Loads - Theory    |
| OIS-200   | Plan, Prepare, Lift and Move Loads - Practical |

## Unit Summary

|                                  |   |
|----------------------------------|---|
| Unit Code                        | OIS-202   |
| Title                            | Plan, Prepare, Lift and Move Loads - Theory   |
| Guided Learning Hours            | See GLH at Product level  |
| Assessment Guidance              | <p>Learners will be required to undertake a written or electronic knowledge assessment test which covers the outcomes and corresponding criteria stated. Each of the criteria must be covered. The knowledge assessment must be of a 'closed book' format, questions must be clearly referenced against specific criteria and question selection must be random.</p> <p>The knowledge test must incorporate written and/or scenario-based questions and multiple-choice questions. A maximum of 50% of questions should be multiple choice. Learners must achieve a pass mark of 80% or higher of the criteria to successfully complete the knowledge assessment.</p> |
| Assessment/Evidence Requirements | Records of assessment referencing all outcomes, must be securely maintained.  |

| OUTCOMES  | CRITERIA   |
|---|--|
| <p>1 <b>Outcome: Preparation for lifting and moving of loads</b></p> <p><b>The learner will understand:</b></p> | <p>1.1 The hazards associated with a lifting operation</p> <p>1.2 The purpose of a lifting plan and who produces one</p> <p>1.3 The purpose of a lifting risk assessment</p> |

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|  | 1.4  | Why a lifting plan must be followed and what to do if it is not understood or cannot be followed                                 |
|  | 1.5  | How to determine the weight of loads   |
|  | 1.6  | The relevant roles of personnel involved in lifting operations, and typical reporting lines                                      |
|  | 1.7  | How to identify areas near the load where it is unsafe to stand  |
|  | 1.8  | Load movement route planning methods and techniques  |
|  | 1.9  | Areas of the installation/site which need special consideration if a load needs to be landed near or passes close to those areas |
|  | 1.10 | Rigging principles, SWL, WLL and angles of lift  |
|  | 1.11 | Why lifting equipment and lifting accessories are marked e.g. SWL and WLL  |
|  | 1.12 | Pre-use inspections of lifting equipment and lifting accessories   |
|  | 1.13 | Considerations to ensure load stability, security and weight distribution  |
|  | 1.14 | The types of faults that are possible with lifting equipment and lifting accessories   |
|  | 1.15 | The function of a toolbox talk   |
|  | 1.16 | The key information to be included in handovers during lifting operations  |
|  | 1.17 | Types of lifting accessories   |
|  | 1.18 | The vulnerability of synthetic slings to damage and their correct use  |
|  | 1.19 | The purpose of a rigging loft and the quarantine system  |

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|---|---|
|   | 1.20 How to take account of dynamic factors   |
| <p>2 <b>Outcome: The Lifting, moving, lowering and landing of a load</b></p> <p><b>The learner will understand:</b></p> | <p>2.1 The capabilities and limitations of lifting equipment and lifting accessories</p> <p>2.2 Pre use and post use inspections of lifting equipment and lifting accessories</p> <p>2.3 How to identify and report defective lifting equipment, lifting accessories and associated materials</p> <p>2.4 How to correctly store various items of lifting equipment and lifting accessories</p> <p>2.5 How to restore the worksite and return lifting equipment and lifting accessories to the required location</p> <p>2.6 How to conduct post-work debriefings</p> |

|                       |   |
|-----------------------|---|
| Unit Code             | OIS-200   |
| Title                 | Plan, Prepare, Lift and Move Loads - Practical  |
| Guided Learning Hours | Each lifting operation should be of approximately one and a half hours duration and include rigging activities.   |
| Assessment Guidance   | <p>Centres must ensure that learners are assessed against the theoretical outcomes specified in each unit prior to any practical assessment taking place, where applicable. There will be instances where it is most appropriate to assess the learners knowledge and practical skills simultaneously.</p> <p>The learner must be briefed to ensure they know how the assessment will be conducted and what is expected of them during the assessment.</p> <p>Learners will be assessed through observation undertaking practical exercises covering all the criteria specified.</p> <p>Each learner will be expected to lead two lifting operations and assist with two lifting operations.</p> <p>The learner will be required to demonstrate the rigging and lifting activities to the performance criteria, incorporating the full range of tasks specified below:</p> <p><b>Rigging Tasks:</b></p> |

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|  | <p>1. Obtain and position the lifting equipment and lifting accessories as detailed in the lifting plan.</p> <p>2. Lift, cross haul and lower loads.</p> <p>3. Move loads where there are obstructions restricting the direct path of the load (e.g., over, under or around pipework).</p> <p><b>Lifting Operations:</b></p> <p>The lifting operations must be either:</p> <p>(a) Taken from a bank of lifting exercises (complete with risk assessments and lifting plans) - prepared in advance by the Assessment Centre.</p> <p><b>Or</b></p> <p>(b) Planned workplace lifting operations (complete with risk assessments and lifting plans) that tests the learner against the Unit criteria specified in this section.</p> <p>The combined lifting operations (two lead and two assisted) must include all lifting equipment as detailed in the Product Facilities and Equipment section.</p> <p><b>Note: Risk assessments and lifting plans must be approved by a *competent person</b></p> <p>*Competent Person: A person nominated to approve risk assessments and lifting plans by virtue of relevant knowledge and expertise.</p> <p>When leading the lifting operation, the learner will be expected to brief the team (toolbox talk), allocate tasks and give clear instructions.</p> <p>During the assessment, the learner must take account of the relevant worksite operational requirements, procedures and safe working practices</p> <p>Learners must successfully complete all practical exercises in order to achieve the Unit.</p> <p>The assessor must provide feedback to the learner following completion of the practical assessments.</p> <p>Centres are required to complete, and learners to sign, the OPITO Rigger Competence Assessment/ Reassessment Record in the supporting documents.</p> <p><b>Notes for the Assessor</b></p> <ol style="list-style-type: none"> <li>1. Where the assessment is conducted at the worksite, the tasks associated with the practical assessment must be conducted within a realistic timeframe. The Assessor will determine a reasonable timeframe for the learner to complete each task – considering worksite environment and activities.</li> <li>2. An approved assessment checklist and record sheet must be used and will be made available to the Assessor (refer to OPITO Rigger Competence Assessment/ Reassessment Record) by the OPITO-approved Centre.</li> </ol> <p><b>Notification of Assessment Outcome</b></p> <p>Where a learner <b>does not meet</b> the required assessment outcomes: the assessor must clearly identify and record the outcomes which have not been met and suggest any further training requirements. The Assessment Centre must provide the learner and the learner's employer with a written report identifying why the learner was</p> |
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|                                  | <p>unsuccessful and suggest any further training requirement – within 7 days of the assessment.</p> <p>Centres are required to complete, and learners to sign, the OPITO Rigger Competence Assessment/ Reassessment Record in the supporting documents.</p> |
| Assessment/Evidence Requirements | Records of assessment referencing all outcomes, must be securely maintained.  |

| OUTCOMES   | CRITERIA   |
|--|--|
| <p>1 <b>Outcome: Preparation for lifting and moving of loads</b></p> <p><b>The learner will perform:</b></p> | <p>1.1 Communicate, discuss and ensure understanding of the prepared lifting plan and risk assessment with the lifting team and ensure control measures are implemented</p> <p>1.2 Carry out dynamic risk assessment for any additional potential hazards associated with the lifting operation</p> <p>1.3 Implement any additional control measures to address the identified hazards (if identified in 1.2)</p> <p>1.4 Communicate, discuss and agree with appropriate personnel, actions to take related to the lifting operation in the event of an emergency</p> <p>1.5 Inform the relevant personnel of the lifting operation and identify any potential disruption to operations</p> <p>1.6 Obtain the resources identified in the lifting plan required to move the load, following relevant rigging loft procedures.</p> <p>1.7 Carry out pre-use inspection of lifting equipment and certification is current</p> <p>1.8 Ensure the lifting equipment is free of obvious defects throughout the duration of the task</p> <p>1.9 Prepare the load according to specified requirements of the lifting plan</p> |

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|  | <p>1.10 Protect the load from possible damage during the lifting operation</p> <p>1.11 Attach the lifting accessories to the load using industry best practice</p> <p>1.12 Determine the centre of gravity of a load that has an offset centre of gravity</p> <p>1.13 Install and position the lifting equipment for balanced weight distribution</p> <p>1.14 Ensure appropriate barriers are installed at appropriate areas</p>   |
| <p>2 <b>Outcome: Lifting, moving, lowering and landing of a load</b></p> <p><b>The learner will perform:</b></p> | <p>2.1 Give clear instructions to the lifting team before and during the moving of the load</p> <p>2.2 Use the identified method of communications derived from the risk assessment, lifting plan and permit-to-work, and comply with signaling protocols agreed within the lifting team, or company-specific protocols</p> <p>2.3 Progressively apply force/tension to the load via the attached lifting equipment, until the weight of the load is fully taken up</p> <p>2.4 Confirm the load security before raising to the minimum height required for moving</p> <p>2.5 Maintain load security and stability throughout transportation of the load</p> <p>2.6 Take adequate precautions to maintain the safety of personnel and surroundings during the moving of the load</p> <p>2.7 Correctly position the load in the intended location and progressively remove the lifting equipment force/tension</p> |

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|  | <p>2.8 Safely disconnect the load from the lifting equipment and remove the lifting accessories</p> <p>2.9 Work effectively as part of a team</p> <p>2.10 Compliance with relevant health and safety legislation and guidelines at all times</p> |
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## ABOUT OPITO

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## Links

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