

SCOPE AND APPLICABILITY:

The aim and objectives of the of Banksman and Slinger assessment are to establish that the learner has the required underpinning knowledge, understanding and practical skills to fulfill the role of Banksman & Slinger safely and effectively.

REGULATIONS & STANDARDS

- OPITO Code 9068 – Banksman and Slinger – Competence Assessment;
- ISO 12480-1 – Cranes - Safe Use;
- International Marine Contractors Association - IMCA SEL 019, IMCA M 187;
- Offshore Mechanical Handling Equipment Committee - OMHEC;
- Health and Safety Executive – HSE;
- International Association of Oil and Gas Producers - OGP;
- Canadian Centre for Occupational Health and Safety - CCOHS;
- Lifting Operations and Lifting Equipment Regulations 1998 - LOLER 1998;
- Provision and Use of Work Equipment Regulations 1998 - PUWER 1998.

COURSE CONTENT:

1. The Banksman's responsibilities under the Health and Safety Statutory requirements
2. The approved procedures and practices in the context of the operations, the work activity and the workplace
3. How to interpret instructions for the movement of loads
4. How to establish the weight of loads
5. The relevant personnel involved in the activity and reporting lines and procedures
6. Unsafe areas to stand near the load
7. The methods used for signaling and communication
8. The emergency stop signal that can be given by anyone to the crane operator
9. Route planning methods and techniques
10. The reasons for wearing high-visibility clothing
11. Why it is important that the hook is above the load's center of gravity
12. The additional considerations required for following non-standard lifts such as heavy lifts, longs loads and blind lifts
13. The necessary considerations for working with cranes in adverse weather conditions
14. Areas of the site/ installation which need special consideration if a load needs to be landed near or passed close to those areas
15. The Slinger's responsibilities under the Health and Safety Statutory requirements
16. The approved procedures and practices in the context of the operations, the work activity and the workplace
17. How to interpret instructions for the movement of loads
18. How to establish the weight of loads
19. The relevant personnel involved in the activity and reporting lines and procedures
20. Unsafe areas to stand near the lifting operation
21. The color coding and marking systems for lifting equipment and accessories, and why they are used
22. SWL, WLL and sling angles
23. Considerations to ensure load stability, security and correct weight distribution
24. How information on the load characteristics (e.g., hazardous and nonhazardous) should be communicated
25. How to use lifting accessories within their capabilities
26. The types of faults that are possible with lifting accessories
27. How to secure the cargo within container/half height using ratchet straps
28. How to handover effectively during lifting operations
29. That the emergency stop signal can be given by anyone to the crane operator
30. How to check slings after use
31. How to coil and store reusable slings after use
32. How to check crane pennants and the hooks
33. The reporting structure for identifying unusable lifting equipment and materials
34. The purpose of a rigging loft and quarantine
35. How to correctly store various types of lifting equipment and accessories
36. Appropriate locations and environmentally sound techniques for disposing of waste materials.

COURSE DESIGN:

Theoretical – 12 hours
TOTAL: 20 hours.

Practical – 8 hours

PREREQUISITE(S):

- A valid Banksman and Slinger Initial Training certificate and a fully completed and valid Banksman and Slinger Workplace Experience Logbook, or;
- An approved Banksman and Slinger Competence Assessment or Re-Assessment certificate awarded within the previous 30 months, or;
- Evidence that they have been assessed as competent and have achieved an equivalent qualification/certification by a nationally recognized awarding body, awarded within the previous 30 months.

MINIMUM/MAXIMUM NUMBER OF DELEGATES

This course requires a minimum of 1, and a maximum number of 6 trainees.

To offshore trainings, the course number of attendees will comply with the vessels/rig necessity.

MAIN SAFETY ISSUES:

- Always check the integrity of the lifting equipment;
- Use appropriate PPE;
- Never stand under or dangerously near a lifting activity;
- Never touch a cargo when lifted;
- Attention to weather changes.

REQUIRED EQUIPMENT:

- Appropriate lifting equipment and accessories;
- Appropriate PPE (e.g., safety helmets, safety boots, eye protection, gloves, high-visibility vest and gloves);
- Crane;
- Slings: single leg, synthetic fiber, flat web, wire and etc.;
- Chains;
- Handsfree lifting tools (where applicable);
- Ratchet straps;
- Radio set for banksman and crane operator;
- Tag lines.

PROCEDURE FOR PRACTICAL EXERCISES:

- The learner must be briefed to ensure they know how the assessment will be conducted and what is expected of them during the assessment.
- The center must provide learner with lifting plans for the lifting operations to be undertaken, that have been approved by a *competent person.
- The center must provide learner with risk assessments for the lifting operations to be undertaken, that have been approved by a *competent person.
- The assessor must provide feedback to the learner following completion of the practical assessments.
- The learner, in the Banksman's role, will be required to perform all the lifts 1 to 5 specified below:
 1. A simple pre-slung lift;
 2. A bundled tubular lift (three or more tubulars);
 3. A restricted access lift;
 4. A lift in which the load has an offset center of gravity;
 5. A blind lift.
- The learner, in the Slinger's role, will be required to perform all slung load types 1 to 4 specified below. Types of Slung loads:
 1. Prepare and sling a simple lift (not pre-slung);
 2. Prepare and sling a bundle of three or more tubulars;
 3. Prepare and sling a load with an offset center of gravity;
 4. Prepare and sling a load using synthetic fiber slings.

CERTIFICATION:

Certificate of training.

CERTIFICATE VALIDITY PERIOD:

2 years.