

## Unit PSSPO101-3 Transfer loads through slinging and signalling(SQA Unit Code-H77G 04)

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### Performance Criteria

#### You must be able to

#### Transfer loads through slinging and signalling

1. identify the load to be slung, including its type, weight centre of gravity and dimensions
2. ensure that the lifting gear, method and materials selected for the lifts are suitable, fit for purpose and free from defect
3. report any defective gear to the responsible person
4. confirm that the load is stable prior to it being slung
5. follow a lifting plan that has been agreed
6. attach lifting gear, and confirm that the support and balance of the load is satisfactory and secure, and that the gear will not damage the load during lifting
7. report any difficulties in slinging loads to the responsible person
8. confirm that lifting equipment is safe, working properly and all lifting points are examined and confirmed as safe, before beginning the lifting operation
9. ensure where hand signalling is used, a safe unobstructed view of the crane operator is maintained at all times, and where necessary, a second signaller is involved to ensure unobstructed communication
10. ensure that all of your communications, by hand and radio, are in line with the protocol and correct procedures agreed
11. interpret the signals and messages from the equipment operator and act upon these immediately
12. confirm the safe conclusion of a lifting operation to the crane operator
13. monitor all activities and the whereabouts of individuals and any vehicles within the vicinity of the lifting operation, and take immediate and appropriate actions to address dangerous situations

### Knowledge and understanding

#### You need to know and understand

1. the legal responsibilities for maintaining own and others' health and safety in the workplace
2. the requirements placed upon the individual and the organisation by current legislation, **relevant to cargo handling** in own area of operations
3. current industry guidance **relevant to cargo handling** in own area of operations
4. own organisation's policies, procedures and working practices relevant to cargo handling
5. the operating procedures, capabilities (including manoeuvring characteristics) and limitations of the types of equipment within own area of operations
6. why it is important to report any faults defects prior to commencing operations
7. the organisational procedures for reporting and documenting equipment faults, tests and checks
8. the implications of operating equipment that is unsafe or that has been serviced poorly

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9. the principal characteristics of the main types of cargo, and the associated **hazards**
10. the classes of dangerous goods under and the relevant markings current regulations/code(s)
11. methods for slinging and unslinging loads, including an awareness of angles of operations and what constitutes a safe working load
12. the capabilities, including capacity and strength, of the principal types of slinging and lashing materials, and the implications of using defective or faulty materials
13. signalling procedures and techniques
14. how to interpret organisation's coding systems relating to lifting equipment, and how to interpret the information found on relevant labels and documentation

### Scope

**Requirements relevant to cargo handling should include:** dry and liquid bulk, cargo transport unit, roll-on/roll-off

### Glossary

**Hazard:** something with potential to cause harm

**Risk:** a risk is the likelihood of the hazard's potential being realised