

## NOS PSSPO102 Move loads using and lifting and handling equipment

### Unit PSSPO102.2 Move containers using shore based lifting equipment(SQA Unit Code-H77P 04)

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#### Performance Criteria

##### You must be able to

##### Move containers using shore based lifting equipment

1. identify the containers to be moved and their destination
2. use the correct type of lifting equipment, and any attachments where applicable, taking into account the type of operation, the dimensions and location of the container, and the planned work area
3. check and ensure that all operating functions are working properly before beginning handling operations
4. check for and remove any obstructions on the route of the lift before beginning operations
5. establish contact and agree the protocol for the handling operations with all those involved, using appropriate methods and prior to moving the container
6. ensure all of communications, by hand and radio, are in line with the protocol and procedures agreed
7. operate the shore-based equipment safely and efficiently ensuring that manoeuvring allows for containers to be moved safely and effectively to required destinations
8. ensure that the required number of lock devices are deployed, when loading to road or rail
9. lift all loads evenly and safely, and where a fork list is used, locate the forks into the designated slots wherever appropriate
10. handle cargo safely and securely, taking due care to avoid damaging cargo at all times
11. monitor all activities and the whereabouts of individuals within the vicinity of your operations, and take immediate and appropriate actions to address dangerous situations
12. when loading to road trailers, ensure that the driver is in the designated place of safety in accordance with organisational procedures
13. carry out close-down procedures upon completion of the moving operations, in line with the manufacturers' requirements, where authorised to do so, removing attachments safely and properly, and ensure they are stored in good condition
14. address and report immediately any faults or difficulties with the moving operations or the materials used
15. ensure all equipment is left clean and secure

#### Knowledge and understanding

##### You need to know and understand

1. the legal responsibilities for maintaining own and others' health and safety in your workplace
2. the requirements placed upon the individual and the organisation by current legislation, relevant to handling loads using lifting equipment
3. current industry guidance relevant to lifting equipment operations own organisation's policies, procedures and working practices relevant to operations using lifting equipment

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5. the operating procedures, capabilities (including manoeuvring characteristics) and limitations of the types of lifting equipment within own area of responsibility
6. the pre-start maintenance requirements, including the correct procedure for checking lubricants and other fluids of lifting equipment within own area of responsibility
7. why it is important to report any faults and defects prior to commencing operations
8. the organisational procedures for reporting and documenting equipment faults, tests and checks
9. the implications of operating equipment that is unsafe or that has been serviced poorly
10. the types of load that may be lifted by each type of lifting equipment within own area of responsibility
11. the factors that can affect the stability and security of loads when they are being transferred, and how these can be affected by environmental conditions
12. the methods of slinging and un-slinging loads, including angles of operations and what constitutes a safe working load
13. the capabilities, including capacity and strength of the principal types of slinging and lashing materials, and the implications of using defective or faulty materials
14. how to interpret organisation coding systems relating to lifting equipment, and how to interpret the information found on load labels and documentation
15. the signalling procedures and techniques used in the organisation
16. the speed limits specified for equipment operating within the port environment, the importance of operating within these limits, and of maximising the safety of pedestrians and other drivers
17. the limits of own responsibility and to whom to report if these are exceeded
18. the principal characteristics of the main types of cargo, and the associated **hazards**

#### Glossary

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

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