

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

### Unit PSSPO102.1 Move loads using mobile lifting equipment(SQA Unit Code H77N 04)

---

#### Performance Criteria

##### You must be able to

##### Move loads using mobile lifting equipment

1. confirm that loads are suitable, safe and stable for handling by mobile lifting equipment before beginning the lift
2. check for and remove any obstructions on the route of the lift before beginning operations
3. where necessary, select attachments suitable for the load being handled, and ensure that these are adjusted and fit for use
4. ensure that the mobile lifting equipment and any attachments are operating properly before beginning the lift and are suitable for the lift
5. lift all loads evenly and safely, and where a fork lift is used, locate the forks into the designated slots wherever appropriate
6. handle loads taking due care to avoid damaging loads at all times
7. manoeuvre the fork lift safely, taking into account the capabilities and limitations of the attachment, and the activities and whereabouts of individuals within the vicinity of the lifting operation
8. monitor attachments during lifting operations to confirm that they are operating in accordance with standard operating procedures
9. take immediate and appropriate actions to address any difficulties and hazards during fork lift operations
10. where authorised to do so, remove attachments upon completion of lifting operations, and ensure they are store in good condition

#### 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
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

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

### Unit PSSPO102.1 Move loads using mobile lifting equipment(SQA Unit Code H77N 04)

---

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