

## Qualification Unit

This unit forms part of a regulated qualification.

**Unit Title:** Use Mechanical Handling Equipment Explosive Substances and Articles Operations

**Unit Reference Number:** Y/650/2661

**Level:** Two (2)

**Credit Value:** Three (3)

**Minimum Guided Learning Hours:** 10

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand how to prepare mechanical handling equipment (MHE) in Explosives Substances and Articles (ESA) operations	1.1 Explain the relevant organisational policies and procedures in relation to using MHE, that relate to: <ul style="list-style-type: none"> <li>a) Health, safety and security</li> <li>b) Legal requirements</li> <li>c) Operating Requirements</li> <li>d) Personal Protective Equipment</li> <li>a) Reporting defects</li> </ul>
	1.2 Describe how to carry out all manufacturers' pre-start checks
	1.3 Explain the operation of the vehicle instruments and controls
	1.4 Describe how to prepare MHE for at least two different types of lift
	1.5 Explain the observations required to ensure the safety of self and others
	1.6 Identify a minimum of 4 problems that can occur when preparing MHE for work
	1.7 Explain appropriate action when dealing with the identified problems
2. Use mechanical handling equipment (MHE) in ESA operations	2.1 Use the correct Personal Protective Clothing when undertaking manoeuvring and lifting operations

2.2	Carry out all manufacturers' pre-start checks
2.3	Manoeuvre MHE safely including: <ol style="list-style-type: none"> <li>a) Appropriate use of signals</li> <li>b) Appropriate speed for the manoeuvre</li> <li>c) Monitoring the actions of others</li> <li>d) Ensuring there is no damage to the MHE and surrounding environment</li> <li>e) Ensuring the MHE is in a suitable position for the required activities</li> </ol>
2.4	Stack the goods using MHE
2.5	De-stack goods using MHE
2.6	Carry out shut down, isolation and securing procedures
2.7	Carry out all manufacturers' post operational checks

### Terms of Reference

For this unit Mechanical Handling equipment can include, but is not limited to:

- Fork-lifts Trucks/Side Loaders
- Telehandlers
- Compact Cranes
- Industrial Tractors

ESA NOS Number	Title
ESA 8.4.1	Prepare the vehicle for loading
ESA 8.4.2	Load the vehicle