

## Unload and load mobile plant and equipment from transportation

### Overview

#### **What is this standard about?**

This standard states the skills and knowledge required to demonstrate competence in safely unloading mobile plant and equipment from transportation (usually a road going flat-bed/low loader trailer or lorry), and also to load the plant and equipment for removal from site. It recognises the operative's competence to follow instructions and adopt safe working practices to prepare for and carry out unloading/loading of plant and equipment.

Mobile plant and equipment does require transportation from site to site periodically for operational or maintenance purposes. The driver of the transport has responsibility for safe transportation, unloading and loading. However, due to the specific operating requirements of many items of specialised/heavy mobile plant the transporter driver may not have the skills to drive it safely. On these occasions it may be considered that the best safe procedure is for the plant operator to drive the plant off/on to the transportation.

#### **Who is this standard for?**

This standard can apply to anyone who may be required to unload or load mobile plant and equipment from transportation.

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### Performance criteria

You must be able to:

- 1 obtain approval for the unloading or loading operation
- 2 check and confirm the area and ground conditions are suitable for the planned movement and loading or unloading operation
- 3 check that the transporter is positioned for the operation, shut down and securely braked
- 4 when unloading, ensure all securing devices have been released, and obstructions removed from transportation
- 5 when loading, ensure the transportation loading surface is of the correct size and condition
- 6 seek assistance and agree the unloading or loading procedure
- 7 complete prestart checks on the plant
- 8 identify and relocate or secure loose equipment
- 9 configure plant components for unloading or loading
- 10 check ramps are suitable, correctly positioned and secured
- 11 check for obstructions, personnel and other plant before and throughout the moving operation
- 12 move the plant
- 13 shut down and secure the plant
- 14 ensure all components, tools and equipment are loaded and secured
- 15 complete unloading and loading in compliance with **approved policies, procedures and practices**

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### Knowledge and understanding

You need to know and understand:

- 1 the limits of your responsibilities for loading and unloading
- 2 the dimensions of the mobile plant or equipment
- 3 the suitability and minimum dimensions and capacities for transportation equipment
- 4 the acceptable standards for unloading or loading areas
- 5 the methods of establishing that ground conditions are suitable for the operation
- 6 methods to demark the loading/unloading area
- 7 the hazards associated with loading and unloading
- 8 the effects of adverse environmental conditions on loading/unloading
- 9 securing points for plant, equipment and components and methods of securing
- 10 mobile plant operational procedures (including prestart and shut down)
- 11 the effects of different component configuration on the loading/unloading procedure
- 12 the methods of communicating with others
- 13 the problems that can occur during loading and unloading
- 14 how to resolve issues arising during loading and unloading
- 15 reporting and recording arrangements for the operation
- 16 the **approved policies, procedures and practices** for the loading, unloading, movement, parking and security of mobile plant

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**Scope/range**

**1. approved policies, procedures and practices:** legislative/regulatory, organisational, operational, accident or emergency, health and safety, first aid, and environmental as appropriate to the work activity

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