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## Overview

"This standard is about identifying, allocating and planning the deployment and use of plant, equipment or machinery for operational requirements, and providing opportunities for improvements in the use of plant, equipment or machinery to be suggested in accordance with current organisational requirements which are equal to or exceed current statutory and legislative requirements.

This standard is for people working in the occupational area of construction site management which is defined as the management of multiple construction trades and disciplines and can be used by supervisors and managers"

## Performance criteria

### *You must be able to:*

- "P1 ensure and record that the specification of the selected plant, equipment or machinery meets the needs of the project before deployment
- P2 confirm and record that pre-use and operative checks have been carried out to ensure that the plant, equipment or machinery to be deployed complies with current legislation and will be set up, operated and maintained by competent people
- P3 implement and use a system to update the deployment and allocation of plant, equipment or machinery and operators, as the project progresses or changes occur and make recommendations on the use of alternative types of plant, equipment or machinery to decision-makers
- P4 identify hazards, assess, and mitigate risks arising from the use of plant, equipment or machinery to protect the workforce, sub-contractors, suppliers, consultants, occupants, visitors, the general public, and the environment by the application of information relating to at least three of the following
  - 4.1 methods of work
  - 4.2 risk assessment
  - 4.3 safe use and storage of tools
  - 4.4 safe use and storage of materials
  - 4.5 traffic management
- P5 ensure that plant, equipment or machinery operations are planned, appropriately supervised and conducted in accordance with current legislation by analysing the following
  - 5.1 safe systems of work written or approved for plant, equipment or machinery operations
  - 5.2 roles and responsibilities allocated to plant, equipment or machinery supervisors, operators and users
  - 5.3 information passed to operators, users and supervisors
- P6 ensure that the suitable storage, servicing and maintenance of

plant, equipment or machinery has been arranged and meets organisational requirements by analysing the following

- 6.1 arrangements for the storage of plant, equipment or machinery
  - 6.2 checks made for serviceability and maintenance of plant, equipment or machinery as appropriate to organisational requirements
- P7 identify and record the competency requirements for supervisors, operators and users of plant, equipment or machinery that will or could support the project or future projects in relation to organisational requirements
- P8 promote and record opportunities to suggest improvements in plant operations provided to at least four of the following
- 8.1 supervisors
  - 8.2 operators
  - 8.3 users
  - 8.4 the workforce
  - 8.5 members of the public
  - 8.6 stakeholders
  - 8.7 clients and other duty holders
  - 8.8 visitors
  - 8.9 supply chain
- P9 ensure that plant, equipment or machinery which is no longer needed is returned or removed and records are maintained"

## Knowledge and understanding

### *You need to know and understand:*

#### "Performance Criteria 1

##### Specification

K1 how to ensure the specification of the following plant, equipment or machinery meets the needs of the project before deployment

K1.1 static

K1.2 mobile

K1.3 accessories

K1.4 consumables

K1.5 health and safety equipment

K1.6 specialised hand tools

K1.7 standard plant, equipment or machinery

K1.8 non-standard plant, equipment or machinery

K2 why it is important to ensure the specification meets the needs of the project

#### Performance Criteria 2

##### Compliance with current legislation

K3 how to ensure plant, equipment or machinery complies with current organisational requirements

K4 how to check the competence of those that will set up, operate or maintain plant, equipment or machinery

K5 why it is important to ensure compliance and check competence

#### Performance Criteria 3

##### System implementation

K6 how to implement a system that will update the deployment and allocation of plant, equipment or machinery as the project progresses and changes occur

K7 how to recommend alternative plant, equipment or machinery to decision-makers

K8 why a system to update the deployment and allocation of plant, equipment or machinery is required

#### Performance Criteria 4

### Identify hazards and assess risks

- K9 how to identify hazards and assess risks arising from the use of plant, equipment or machinery
- K10 how to mitigate risks by implementing measures that protect the workforce, sub-contractors, suppliers, consultants, occupants, visitors, the general public, and the environment by the application of the following information
  - K10.1 methods of work
  - K10.2 risk assessment
  - K10.3 safe use and storage of tools
  - K10.4 safe use and storage of materials
  - K10.5 traffic management

### Performance Criteria 5

#### Planning, supervision and use

- K11 how to ensure plant, equipment or machinery operations are supervised and conducted in accordance with organisational requirements
- K12 how to ensure adequate safe systems of work are in place for the use of plant, equipment or machinery
- K13 how to maintain records for the competence of supervisors, and operators
- K14 how to inform relevant persons about the use of plant, equipment or machinery in relation to organisational requirements.

### Performance Criteria 6

#### Storage, service and maintenance

- K15 how to confirm plant, equipment or machinery is stored, serviced, maintained, examined and inspected in accordance with organisational requirements
- K16 why it is important to ensure plant, equipment or machinery is stored, serviced, maintained, examined and inspected in accordance with organisational requirements

### Performance Criteria 7

#### Competency

- K17 how to identify the competency requirements for supervisors and operators of plant, equipment or machinery

according to organisational requirements

K18 how to compare identified competency needs with the needs of the project and future projects

K19 how to determine if a person meets the competency requirements of their project role

K20 how to arrange development for supervisors and operators of plant, equipment or machinery according to organisational requirements

Performance Criteria 8

Suggestions for improvements

K21 how to promote and record opportunities to suggest improvements in plant operations

K22 why it is important to promote and record opportunities to suggest improvements in plant operations

Performance Criteria 9

Return or remove

K23 how to return or remove plant, equipment or machinery which is no longer needed

K24 why it is important to return or remove plant, equipment or machinery which is no longer needed"

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Identify, allocate and plan the deployment and use of plant, equipment or machinery



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