

## COSVR732 - SQA Unit Code G3H9 04

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



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### Overview

This standard is about

- 1 specifying the plant, equipment or machinery for operation requirements
- 2 planning for and ensuring the safe use of plant, equipment or machinery
- 3 providing opportunities for improvements in the use of plant, equipment or machinery to be suggested

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#### Performance criteria

- You must be able to:*
- P1 ensure that the specification of the selected plant, equipment or machinery meets the needs of the project before deployment
  - P2 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 a system to update the deployment and allocation of plant, equipment or machinery, and operators, as the project progresses or changes occur
  - P4 identify hazards and assess risks arising from the use of plant, equipment or machinery and implement measures that protect people and the environment
  - P5 ensure that plant, equipment or machinery operations are planned, appropriately supervised and conducted in accordance with current legislation
  - P6 ensure the appropriate storage, servicing and maintenance of plant, equipment or machinery to meet operational and statutory requirements
  - P7 identify learning needs for supervisors, operators and users of plant, equipment or machinery that will or could support the project or future projects
  - P8 encourage those involved or affected by plant, equipment or machinery operations to suggest improvements in safe operations
  - P9 ensure that plant, equipment or machinery which is no longer needed is returned or removed

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## Knowledge and understanding

*You need to know and understand:*

### Performance Criteria 1 Specification

- K1 how to ensure the specification of the **plant, equipment or machinery** meets the needs of the project before deployment
- K2 why you need to ensure the specification meets the needs of the project

### Performance Criteria 2 Compliance with current legislation

*You need to know and understand:*

- K3 how to ensure **plant, equipment or machinery** complies with current legislation
- K4 how to check the competence of those that will set up, operate or maintain **plant, equipment or machinery**
- K5 why you need to ensure compliance and check competence

### Performance Criteria 3 System implementation

*You need to know and understand:*

- K6 how to implement a system that will update the deployment and allocation of **plant, equipment or machinery** as the project progresses
- K7 how to implement a system to update the deployment and allocation of **plant, equipment or machinery** as changes occur
- K8 why you need a system to update the deployment and allocation of **plant, equipment or machinery**
- K9 how to recommend alternative **plant, equipment or machinery** to decision-makers

### Performance Criteria 4 Identify hazards and assess risks

*You need to know and understand:*

- K10 how to identify hazards and assess risks arising from the use of **plant, equipment or machinery**
- K11 how to implement **measures** that protect **people** and the environment

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*You need to know and understand:*

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#### Performance Criteria 5

##### Planning, supervision and use

- K12 how to ensure **plant, equipment or machinery** operations are supervised and conducted in accordance with current legislation
- K13 how to write and approve method statements for the use of **plant, equipment or machinery**
- K14 how to maintain records for the competence of supervisors, operators and users
- K15 how to pass information about the use of **plant, equipment or machinery to people**

*You need to know and understand:*

#### Performance Criteria 6

##### Storage, service and maintenance

- K16 how to ensure **plant, equipment or machinery** is stored, serviced and maintained in accordance with **operational and statutory requirements**
- K17 why you need to ensure **plant, equipment or machinery** is stored, serviced and maintained in accordance with **operational and statutory requirements**

*You need to know and understand:*

#### Performance Criteria 7

##### Learning needs

- K18 how to identify learning needs for supervisors, operators and users of **plant, equipment or machinery**
- K19 how to compare identified learning needs with the needs of the project and future projects
- K20 how to obtain information on ranges of **learning activities**
- K21 how to arrange development for supervisors, operators and users of **plant, equipment or machinery**

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### Performance Criteria 8

#### Suggestions for improvements

*You need to know and understand:*

- K22 how to encourage **those involved or affected** by **plant, equipment or machinery** operations to suggest improvements in safe operations
- K23 why you need to encourage **those involved or affected** by **plant, equipment or machinery** operations to suggest improvements in safe operations

### Performance Criteria 9

#### Return or remove

*You need to know and understand:*

- K24 how to return or remove **plant, equipment or machinery** which is no longer needed
- K25 why you need to return or remove **plant, equipment or machinery** which is no longer needed

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### Additional Information

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#### Scope/range related to performance criteria

##### Performance Criteria 1

- 1 records of the specifications for plant, machinery or equipment considered prior to selection

##### Performance Criteria 2

- 2 records of pre-use checks, inspections, thorough examinations and tests conducted on plant, equipment or machinery
- 3 records of checks conducted on the competence of the people that will set up, operate and maintain plant, equipment or machinery

##### Performance Criteria 3

- 4 records of a system that tracks the deployment, allocation and use of plant, equipment or machinery
- 5 records of the recommendations on the use of alternative types of plant, equipment or machinery made to decision-makers

##### Performance Criteria 4

- 6 protection of the workforce, the general public, visitors and the environment by the application of information relating to at least three of the following
  - 6.1 methods of work
  - 6.2 risk assessment
  - 6.3 safe use and storage of tools
  - 6.4 safe use and storage of materials
  - 6.5 traffic management

##### Performance Criteria 5

- 7 records of method statement(s) written or approved for plant, equipment or machinery operations
- 8 records of the roles and responsibilities allocated to plant, equipment or machinery supervisors, operators and users
- 9 records of the information passed to people

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#### **Performance Criteria 6**

- 10 records of arrangements for storage, servicing and maintenance of plant, equipment or machinery
- 11 records of checks made for serviceability and maintenance of plant, equipment or machinery as appropriate to at least three of the following operational or statutory requirements
  - 11.1 health, safety and welfare of the workforce and others
  - 11.2 operational efficiency
  - 11.3 security of resources
  - 11.4 obligations to third parties
  - 11.5 regulatory authorities
  - 11.6 contractual commitments

#### **Performance Criteria 7**

- 12 records of learning needs identified, and information obtained, for at least two of the following learning activities
  - 12.1 formal
  - 12.2 informal
  - 12.3 coached
  - 12.4 mentored
  - 12.5 vocationally qualifying

#### **Performance Criteria 8**

- 13 records of opportunities, given to at least four of the following, to suggest improvements in safe operations
  - 13.1 supervisors
  - 13.2 operators
  - 13.3 users
  - 13.4 other members of the workforce
  - 13.5 members of the public
  - 13.6 occupiers
  - 13.7 neighbours
  - 13.8 visitors
  - 13.9 organisational representatives
  - 13.10 hire firm(s), companies or agents

#### **Performance Criteria 9**

- 14 records of plant, equipment or machinery returned or removed, or specified to be removed

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### Scope/range related to knowledge and understanding

#### Learning activities

- 1 formal
- 2 informal
- 3 coached
- 4 mentored
- 5 vocationally qualifying

#### Operational and statutory requirements

- 6 health, safety and welfare of the workforce and others
- 7 operational efficiency
- 8 security of resources
- 9 obligations to third parties
- 10 regulatory authorities
- 11 contractual commitments

#### People

- 12 workforce
- 13 other personnel on site
- 14 members of the public
- 15 occupiers
- 16 site visitors
- 17 people affected by on-site operations

#### Plant, equipment or machinery

- 18 static
- 19 mobile
- 20 accessories
- 21 consumables
- 22 health and safety equipment
- 23 specialised hand tools
- 24 standard plant, equipment or machinery
- 25 non-standard plant, equipment or machinery

#### Measures

- 26 methods of work
- 27 risk assessment
- 28 safe use of tools
- 29 safe use of materials
- 30 traffic management
- 31 emergency plans



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### **Those involved or affected**

- 32 supervisors
- 33 operators
- 34 users
- 35 other members of the workforce
- 36 members of the public
- 37 occupiers
- 38 neighbours
- 39 visitors
- 40 organisational representatives
- 41 hire firm(s), companies or agents

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**Developed by** ConstructionSkills

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**Version number** 2

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**Date approved** March 2008

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**Indicative review date** July 2015

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**Validity** Current

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**Status** Original

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**Originating organisation** ConstructionSkills

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**Original URN** VR732

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**Relevant occupations** Production Managers and Directors in Construction

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**Suite** Construction Site Management; Controlling Lifting Operations (Construction); Senior Crafts

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**Key words** Plant; Equipment; Machinery; Operations; Allocate