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## Overview

## COSCM12

### Install door systems

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#### **Performance criteria**

*You must be able to:*

- P1 interpret the given information relating to the work and resources to confirm its relevance
- P2 comply with the given, relevant legislation and official guidance to carry out your work and maintain safe work practices
- P3 select the required quantity and quality of resources for the methods of work
- P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
- P5 comply with the given contract information to carry out the work efficiently to the required specification
- P6 complete the work within the allocated time, in accordance with the programme of work

## Knowledge and understanding

*You need to know and understand:*

### Performance Criteria 1

*You need to know and understand:*

#### Interpretation of information

*You need to know and understand:*

K1 the organisational procedures developed to report and rectify inappropriate information and unsuitable resources, and how they are implemented

#### the types of information, their source and how they are interpreted

*You need to know and understand:*

K2 the organisational procedures to solve problems with the information and why it is important they are followed

### Performance Criteria 2

*You need to know and understand:*

#### Safe work practices

*You need to know and understand:*

- K3 the level of understanding operatives must have of information for relevant, current legislation and official guidance and how it is applied
- K4 the types of fire extinguishers and how and when they are used
- K5 how emergencies should be responded to and who should respond
- K6 the organisational security procedures for tools, equipment and personal belongings
- K7 what the accident reporting procedures are and who is responsible for making the report
- K8 why and when personal protective equipment (PPE) should be used

### Performance Criteria 3

*You need to know and understand:*

#### Selection of resources

*You need to know and understand:*

K9 the characteristics, quality, uses, limitations and defects associated with the resources and how defects should be rectified

K10 how the resources should be used and how any problems associated with the resources are reported

K11 the organisational procedures to select resources, why they have been developed and how they are used

K12 the hazards associated with the resources and methods of work and how they are overcome

### **Performance Criteria 4**

*You need to know and understand:*

#### **Minimise the risk of damage**

*You need to know and understand:*

K13 how to protect work from damage and the purpose of protection

K14 why disposal of waste should be carried out safely and how it is achieved

### **Performance Criteria 5**

*You need to know and understand:*

#### **Meet the contract specification**

*You need to know and understand:*

K15 how methods of work, to meet the specification, are carried out and problems reported

K16 how maintenance of tools and equipment is carried out

### **Performance Criteria 6**

*You need to know and understand:*

#### **Allocated time**

*You need to know and understand:*

K17 what the programme is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

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**Scope/range  
related to  
performance  
criteria**

**Performance Criteria 1**

P1 1 interpretation of drawings, specifications, schedules and manufacturers' information related to the work to be carried out

**Performance Criteria 2**

P2 2 safe use of personal protective equipment (PPE) to carry out the activity, in accordance with legislation and/or organisational requirements

P3 3 safe use and storage of tools and equipment

P4 4 safe use of fire extinguishers, as appropriate to the fire

**Performance Criteria 3**

P5 5 selection of resources associated with own work

P6

P7 5.1 materials, components and fixings

**Performance Criteria 4**

P8 6 protection of the work and its surrounding area from damage

P9 7 minimise damage and maintain a clean work space

P10 8 disposal of waste in accordance with legislation

**Performance Criteria 5**

P11 9 demonstration of work skills to measuring, marking out, positioning, levelling, aligning, fitting, adjusting, securing, finishing and commissioning

P12 10 use and maintain hand tools, portable power tools and ancillary equipment

P13 11 install one of the following types of industrial or pedestrian door systems to given working instructions

P14 5.2 tools and equipment

P15 11.1 industrial door system types: vertical sliding industrial doors; vertical rolling industrial doors; horizontal action industrial doors

**Performance Criteria 6**

P16 12 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

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**Scope/range related to knowledge and understanding**

**Scope/range related to knowledge and understanding**

**Disposal of waste**

P17 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

**Emergencies**

P18 operative's response to situations in accordance with organisational authorisation and personal skills when involved with  
P19

**Fire extinguishers**

P20 water, CO2, foam, powder and their uses

**Hazards**

P21 those identified by method of work, manufacturers' technical information, statutory regulations and official guidance

**Information**

P22 drawings, specifications, schedules, oral/written instructions, manufacturers' information and regulations governing industrial and/or pedestrian door systems

**Legislation and official guidance**

P23 this relates to the operative's responsibilities regarding potential accidents and health hazards whilst working on site, below ground level, at height, with tools and equipment, with materials and by manual handling

**Maintenance**

P24 operative care of hand tools and/or portable power tools and ancillary equipment

**Methods of work**

P25 application of knowledge for safe work practices, procedures and skills,



relating to the method/area of work and materials used, to

P26 fires, spillages, injuries

P27 confirm and prepare the structure and opening for the selected type of door system

P28 prepare and fix doors and ancillary items of the selected door system

P29 needs of other occupations associated with the installation of the door system

### **Personal protective equipment (PPE)**

P30 occupational use, types, purpose of each type and work situations

### **Problems**

P31 those arising from information, resources and methods of work

P32 commission the selected door system

P33 own authority to rectify

### **Programme**

P34 types of progress charts, timetables and estimated times

P35 organisational procedures for reporting circumstances which will affect the work programme

### **Protect work**

P36 protect work against damage from general workplace activities, other occupations and adverse weather conditions

### **Resources**

P37 materials, components and equipment relating to types, quantity, quality and sizes of standard and/or specialist

P38 organisational reporting procedures

P39 type of door system and door components

P40 ancillary equipment for the doors and the installation work

P41 powered door systems only: power source and supplies for installation

P42 methods of calculating size, area and quantity associated with the method/procedure to install door systems

### **Security procedures**

P43 site, workplace, company and operative

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**Developed by** ConstructionSkills

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**Version number** 1

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**Date approved** April 2003

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**Indicative review date** April 2014

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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** CM12

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**Relevant occupations** Construction Operatives

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**Suite** Specialist Installation Occupations (Construction)

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**Key words** Fire doors; Garage doors; Revolving doors; Sliding doors; Rolling doors; Up-and-over doors; Powered doors