

## Utilise provision of fall protection systems

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### Overview

This standard is about preparing and utilising provision of fall protection systems, interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment

This standard is for people working in the occupational areas of Scaffolding, Staging and Rigging, Construction and Building Trades and Engineering Technicians and can be used by operatives, supervisors and managers

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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 and healthy 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

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## Knowledge and understanding

*You need to know and understand:* **Performance Criteria 1**  
**Interpretation of information**

- K1 the organisational procedures developed to report and rectify inappropriate **information** and unsuitable **resources**, and how they are implemented
- K2 the types of **information**, their source and how they are interpreted
- K3 the organisational procedures to solve **problems** with the **information** and why it is important they are followed

### **Performance Criteria 2**

#### **Safe work practices**

- K4 current **legislation and official guidance** and how it is applied
- K5 how **emergencies** should be responded to and who should respond
- K6 the organisational **security procedures** for tools, equipment and personal belongings
- K7 the accident reporting procedures and who is responsible for making the report
- K8 why, when and how **health and safety control equipment** should be used
- K9 how to comply with environmentally responsible work practices to meet current **legislation and official guidance**

### **Performance Criteria 3**

#### **Selection of resources**

- K10 the characteristics, quality, uses, limitations and defects associated with the **resources** and how defects should be rectified

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- K11 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K12 the organisational procedures to select **resources**, why they have been developed and how they are used
- K13 the hazards associated with the **resources** and **methods of work** and how they are overcome

**Performance Criteria 4****Minimise the risk of damage**

- K14 how to **protect work** from damage and the purpose of protection
- K15 why **disposal of waste** should be carried out safely and how it is achieved

**Performance Criteria 5****Meet the contract specification**

- K16 how **methods of work**, to meet the specification, are carried out and **problems** reported
- K17 how **maintenance** of tools and equipment is carried out

**Performance Criteria 6****Allocated time**

- K18 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**

- 1 interpret plans, drawings and sketches, specifications, schedules, method statements, risk assessments and manufacturers' information and users' instructions related to the work to be carried out

**Performance Criteria 2**

- 2 avoid risk by complying with the given information relating to the following:
  - 2.1 methods of work
  - 2.2 safe use of health and safety control equipment
  - 2.3 safe use of access equipment
  - 2.4 safe use, storage and handling of materials, tools and equipment
  - 2.5 specific risks to health

**Performance Criteria 3**

- 3 select resources associated with own work:
  - 3.1 materials and components
  - 3.2 tools and equipment

**Performance Criteria 4**

- 4 protect the work and its surrounding area from damage
- 5 maintain a clear and tidy workspace
- 6 dispose of waste in accordance with current legislation

**Performance Criteria 5**

- 7 demonstrate work skills to wear, attach, set out, position, secure, check and remove
- 8 use and maintain hand tools and fall protection systems and equipment

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- 9 employ and utilise fall protection systems and equipment to given working instructions, using recognised anchor points, for at least two of the following:
  - 9.1 scaffold and/or rigging
  - 9.2 secured steelwork structures
  - 9.3 wire and rope systems
  - 9.4 permanently installed anchorage points
  - 9.5 temporary anchorage points
  - 9.6 track systems
  - 9.7 proprietary systems

**Performance Criteria 6**

- 10 complete 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

#### **Disposal of waste**

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

#### **Emergencies**

- 2 operative's response to situations in accordance with organisational authorisation and personal skills when involved with:
  - 2.1 fires, spillages, injuries
  - 2.2 emergencies relating to occupational activities

#### **Hazards**

- 3 those identified by risk assessment, method of work, manufacturers' technical information, statutory regulations and official guidance

#### **Health and safety control equipment**

- 4 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment:
  - 4.1 collective protective measures
  - 4.2 local exhaust ventilation (LEV)
  - 4.3 personal protective equipment (PPE)
  - 4.4 respiratory protective equipment (RPE)

#### **Information**

- 5 plans, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, regulations and official guidance associated with the provision of fall protection systems

#### **Legislation and official guidance**

- 6 operative's responsibilities regarding potential accidents and health hazards and the environment whilst working in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting

**Maintenance**

- 7 operative care of hand tools, portable power tools, fall protection systems and equipment

**Methods of work**

- 8 application of knowledge for safe work practices, procedures and skills relating to the method, area of work and materials used to:
  - 8.1 locate and position fall protection systems
  - 8.2 wear safety harnesses, attach and secure to fall protection system's equipment
  - 8.3 identify the differences between, fall arrest, restraint, work positioning of rope access, access systems and harnesses
  - 8.4 identify the differences between shock absorbent and restraining lanyards
  - 8.5 visually inspect the fall protection system and equipment for security, safety and operational movement
  - 8.6 identify the thorough examination and test criteria for fall protection equipment (inertia reels, eyebolts and anchor points)
  - 8.7 apply hierarchy of control measures for working at height
  - 8.8 detach and remove fall protection attire and equipment
  - 8.9 comply with a rescue plan
  - 8.10 work with, around and in close proximity to plant and machinery
  - 8.11 use hand tools
  - 8.12 use access equipment
- 9 teamwork and communication
- 10 needs of other occupations associated with utilising provision of fall protection systems

**Problems**

- 11 those arising from information, resources and methods of work:
  - 11.1 own authority to rectify
  - 11.2 organisational reporting procedures

**Programme**



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- 12 types of progress charts, timetables and estimated times
- 13 organisational procedures for reporting circumstances which will affect the work programme

### **Protect work**

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

### **Resources**

- 15 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and specialist;
  - 15.1 collective protective equipment
  - 15.2 full body harness and associated personal equipment
  - 15.3 lanyard with and without shock absorber
  - 15.4 associated hooks, rings and buckles
  - 15.5 hand tools, portable power tools and equipment
- 16 confirm resources and materials conform with the specification
- 17 methods of calculating quantity, length and area associated with the method and procedure to utilise provision for fall protection

### **Security procedures**

- 18 site, workplace, company and operative, vehicles

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