

## Install permanent, suspended access equipment

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### Overview

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This standard is about installing permanent suspended access equipment, interpreting information and adopting safe, healthy, and environmentally responsible work practices.

This standard is for people working in the occupational area of suspended access 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

## Knowledge and understanding

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

"Performance Criteria 1 Interpretation of information K1 the operating information and legislation appropriate to the equipment

K2 the organisational procedures developed to report and rectify inappropriate information and unsuitable resources, and how they are implemented

K3 the types of information, their source and how they are interpreted

K4 the organisational procedures to solve problems with the information and why it is important they are followed

Performance Criteria 2

Safe work practices

K5 current legislation and official guidance and how it is applied

K6 the types of fire extinguishers and how and when they are used

K7 how emergencies should be responded to and who should respond

K8 the organisational security procedures for tools, equipment and personal belongings

K9 what the accident reporting procedures are and who is responsible for making the report

K10 why, when and how health and safety control equipment should be used

K11 how to comply with environmentally responsible work practices to meet current legislation and official guidance

Performance Criteria 3

Selection of resources

K12 the characteristics, quality, uses, limitations and defects associated with the resources and how defects should be rectified

K13 how the resources should be used and how any problems associated with the resources are reported

K14 the organisational procedures to select resources, why they have been developed and how they are used

K15 the hazards associated with the resources and methods of work and how they are overcome

Performance Criteria 4

Minimise the risk of damage

K16 how to protect work from damage and the purpose of protection

K17 why disposal of waste should be carried out safely and how it is achieved

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Performance Criteria 5

Meet the contract specification

K18 how methods of work, to meet the specification, are carried out and problems reported

K19 how maintenance of tools and equipment is carried out

Performance Criteria 6

Allocated time

K20 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 drawings, method statements, risk assessments specifications, schedules and manufacturers' information related to the work to be carried out

Performance Criteria 2

2 avoid risk by following the given information relating to:

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

3 safe use of fire extinguishers, as appropriate to the fire

Performance Criteria 3

4 select resources associated with own work

4.1 materials, components, fixings and anchors

4.2 tools and equipment

Performance Criteria 4

5 protect the work and its surrounding area from damage

6 minimise damage and maintain a clean workspace

7 dispose of waste in accordance with legislation

Performance Criteria 5

8 demonstrate work skills to measure, set out, erect, assemble, fix, secure, test and commission equipment for handover

9 use and maintain hand tools, ancillary equipment and access equipment in accordance with manufacturer's instructions

10 install permanent, suspended access equipment to given working instructions for at least two of the following

10.1 travelling gantries

10.2 travelling ladders

10.3 suspended platforms

10.4 davits

10.5 building maintenance units (BMUs)

10.6 monorail systems

Performance Criteria 6

11 complete own work within the estimated, allocated time to meet the needs of other

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occupations or client

## 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

Fire extinguishers

3 water, CO<sub>2</sub>, foam, powder and their uses

Hazards

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

Health and safety control equipment

5 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment

5.1 collective protective measures

5.2 local exhaust ventilation (LEV)

5.3 personal protective equipment (PPE)

5.4 respiratory protective equipment (RPE)

Information

6 drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with installation of suspended access equipment

Legislation and official guidance

7 the 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 and by manual handling and mechanical lifting

Maintenance

8 operative care of hand tools, portable power tools, ancillary equipment and access equipment

Methods of work

9 application of knowledge for safe work practices, procedures and skills, relating to the method, area of work and materials used, to

9.1 plan and set out the permanent, suspended access equipment for installation

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(gantries, ladders, cradles, davits and building maintenance units [BMUs])

9.2 arrange and make provision for services and power for the installation

9.3 assemble and install the suspended access equipment

9.4 test and commission equipment for hand over

9.5 carry out user's pre-use inspection of fall protection equipment

9.6 use hand tools, and ancillary equipment

9.7 work at height

9.8 use access equipment

10 the importance of teamwork and communication

11 needs of other occupations associated with the installation of permanent, suspended access equipment

Problems

12 those arising from information, resources and methods of work

12.1 own authority to rectify

12.2 organisational reporting procedures

Programme

13 types of progress charts, timetables and estimated times

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

Protect work

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

Resources

16 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard or specialist

16.1 prefabricated structures

16.2 self-assembled components

16.3 associated materials for installation

16.4 anchors and ties

16.5 access equipment

16.6 hand, power tools and ancillary equipment

17 confirm the resources and materials conform to the specification

18 methods of calculating quantity, length and area associated with the method and procedure to install permanent, suspended access equipment

Security procedures

19 site, workplace, company, operative and vehicles

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**Originating Organisation** CITB

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**Relevant Occupations** Scaffolders, Stagers and Riggers

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**Suite** Accessing Operations and Rigging (Construction)

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