

Use cradle access systems

Overview

The standard is about using cradle access systems, interpreting information, adopting safe, healthy, and environmentally responsible work practices, selecting and using suspended access equipment

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 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
- P4 carry out pre-use preparation inspections on equipment in accordance with given procedures
- P5 operate equipment in accordance with safe working practices to achieve the work outcome
- 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

Minimise the risk of damage

K12 how to protect work from damage and the purpose of protection

K13 why disposal of waste should be carried out safely and how it is achieved

Performance Criteria 4

Pre-use preparation

K14 the methods of work for pre-use checks needed before operating powered tools and/or equipment

K15 The method of work preparations required before using equipment

Performance Criteria 5

Operate equipment

K16 how methods of work are carried out and problems reported

Performance Criteria 6

Allocated time

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

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 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

4 protect the work and its surrounding area from damage

5 maintain a clear and tidy workspace

6 dispose of waste in accordance with legislation

Performance Criteria 4

7 demonstrate work skills to inspect, check and record, to meet the specification

8 prepare suspended access systems for use to given operating instructions, relating to at least two of the following

8.1 travelling gantries

8.2 travelling ladders

8.3 suspended platforms

8.4 davits

8.5 building maintenance units (BMUs)

8.6 Monorail systems

Performance Criteria 5

9 demonstrate work skills to manoeuvre, position, to meet the specification

10 operate and shut down suspended access systems to carry out the task 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 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, CO₂, 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

Legislation and official guidance

6 operative's responsibilities regarding potential accidents and health hazards 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

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 confirm position and operations (travelling gantries, travelling ladders, suspended platforms, davits, building maintenance units (BMUs), monorail systems)

8.2 inspect and check operational performance and security

8.3 operate and utilise the system

8.4 shut down and secure the system

8.5 carry out users pre-use inspection of fall protection equipment

8.6 work at height

8.7 use access equipment

9 the importance of team work and communication

10 needs of other occupations associated with the operation and use of cradle access systems

Problems

11 those arising from information, resources and methods of work

11.1 own authority to rectify

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11.2 organisational reporting procedures

Programme

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

15.1 travelling gantries

15.2 travelling ladders

15.3 suspended platforms

15.4 davits

15.5 building maintenance units (BMUs)

15.6 monorail systems

Security procedures

16 site, workplace, company, operative and vehicles

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Developed by	CITB
Version Number	4
Date Approved	10 May 2022
Indicative Review Date	09 May 2027
Validity	Current
Status	Original
Originating Organisation	CITB
Original URN	COSVR260
Relevant Occupations	Scaffolders, Stagers and Riggers
Suite	Accessing Operations and Rigging (Construction)
Keywords	Cradle; Access-systems; BMU travelling gantries; travelling ladders; suspended platforms; davits; Monorail systems
