

Development Pack
National Occupational Standards
for
Accessing Operations and Rigging
Scaffolding and
Offshore Scaffolding

Project 2019 / 2020

**COSVR247, COSVR248, COSVR249, COSVR251, COSVR252,
COSVR255, COSVR258, COSVR263, COSVR405, COSVR406,
COSVR407, COSVR408, COSVR411, COSVR609**

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COSVR247

Erect and dismantle independent and birdcage scaffolds



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting, dismantling independent and birdcage scaffolds

COSVR247

Erect and dismantle independent and birdcage scaffolds

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

COSVR247

Erect and dismantle independent and birdcage scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR247

Erect and dismantle independent and birdcage scaffolds

Performance Criteria 5

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

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

COSVR247

Erect and dismantle independent and birdcage scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings and sketches, method statements, risk assessments, specifications, schedules and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools, portable power tools and access equipment
- 9 erect and dismantle independent and birdcage scaffolds to given working instructions
 - 9.1 tube and fitting
 - 9.2 systems scaffold

Performance Criteria 6

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

COSVR247

Erect and dismantle independent and birdcage scaffolds

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

Information

- 4 drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' technical information, regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR247

Erect and dismantle independent and birdcage scaffolds

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 confirm the area to erect the independent and birdcage scaffolds
 - 7.2 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.3 identify the technical differences between independent and birdcage scaffolds
 - 7.4 confirm the materials and component make-up (tube and fitting, systems scaffolds)
 - 7.5 set out and prepare for the erection of independent and birdcage scaffolds
 - 7.6 erect and secure scaffolds for use by other occupations
 - 7.7 erect designed and un-designed scaffolds (limitations and formula)
 - 7.8 dismantle and remove independent and birdcage scaffolds
 - 7.9 visually inspect fall protection equipment
 - 7.10 install and test anchors and ties
 - 7.11 use hand tools, and ancillary equipment)
 - 7.12 work at height
 - 7.13 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling independent and birdcage scaffolds

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR247

Erect and dismantle independent and birdcage scaffolds

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc.)
 - 15.4 hand and/or powered tools and equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle independent and birdcage scaffolds

Security procedures

- 17 site, workplace, company and operative

COSVR247

Erect and dismantle independent and birdcage scaffolds

Developed by ConstructionSkills

Version number 2

Date approved January 2010

Indicative review date April 2014

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR247

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Independent; Birdcage, Scaffolds; Erect, Tube and fitting; Props, Ropes; Ladders; Systems-scaffold

COSVR248

Erect and dismantle mobile and static scaffold towers



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting and dismantling mobile and static scaffold towers

COSVR248

Erect and dismantle mobile and static scaffold towers

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

COSVR248

Erect and dismantle mobile and static scaffold towers

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR248

Erect and dismantle mobile and static scaffold towers

Performance Criteria 5

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

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

COSVR248

Erect and dismantle mobile and static scaffold towers

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools, ancillary equipment and access equipment
- 9 erect and dismantle mobile and static scaffold towers to given working instructions using either of the following materials and component make-up
 - 9.1 tube and fitting
 - 9.2 systems scaffold.

Performance Criteria 6

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

COSVR248

Erect and dismantle mobile and static scaffold towers

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR248

Erect and dismantle mobile and static scaffold towers

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 confirm the area to erect the scaffold tower
 - 7.2 confirm that the stability of the foundation/structure on which the scaffold tower (mobile and static) will be erected and secured has been considered
 - 7.3 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.4 set out and prepare for the scaffold structure
 - 7.5 identify base and height ratio's
 - 7.6 employ outriggers
 - 7.7 install and test anchors and ties
 - 7.8 erect scaffold towers for support and access
 - 7.9 erect and secure the scaffold for the use of other occupations
 - 7.10 move mobile scaffold towers
 - 7.11 erect designed and un-designed scaffold towers (limitations and formula)
 - 7.12 dismantle and remove scaffold tower
 - 7.13 visually inspect fall protection equipment
 - 7.14 use hand tools, and ancillary equipment
 - 7.15 work at height
 - 7.16 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling mobile and static scaffold towers

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR248

Erect and dismantle mobile and static scaffold towers

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc.)
 - 15.4 hand and/or powered tools and equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle mobile and static scaffold towers

Security procedures

- 17 site, workplace, company and operative

COSVR248

Erect and dismantle mobile and static scaffold towers

Developed by ConstructionSkills

Version number 2

Date approved January 2010

Indicative review date April 2014

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR248

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Scaffold; Towers; Erecting; Boards; Ladders; Tube and fitting; Dismantling; Mobile; Static

COSVR249

Erect and dismantle cantilever scaffolds



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting, dismantling cantilever scaffolds

COSVR249

Erect and dismantle cantilever scaffolds

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

COSVR249

Erect and dismantle cantilever scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR249

Erect and dismantle cantilever scaffolds

Performance Criteria 5

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

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

COSVR249

Erect and dismantle cantilever scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, of tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools, ancillary equipment and access equipment
- 9 erect and dismantle at least one of the following cantilever scaffolds to given working instructions using either tube and fitting or system scaffold
 - 9.1 cantilever truss out
 - 9.2 cantilever drop
 - 9.3 cantilever fan

Performance Criteria 6

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

COSVR249

Erect and dismantle cantilever scaffolds

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR249

Erect and dismantle cantilever scaffolds

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 confirm the area to erect the cantilever scaffold
 - 7.2 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.3 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.4 identify the differences between cantilever truss, cantilever drop and cantilever fan
 - 7.5 set out and prepare for the scaffold structure
 - 7.6 erect and secure the scaffold (needles, spurs and check fittings) for the use of other occupations
 - 7.7 dismantle and remove cantilever scaffold structures
 - 7.8 erect designed and un-designed scaffolds (limitations and formula)
 - 7.9 visually inspect fall protection equipment
 - 7.10 install and test anchors and ties
 - 7.11 use hand tools, and ancillary equipment
 - 7.12 work at height
 - 7.13 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling cantilever scaffolds

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR249

Erect and dismantle cantilever scaffolds

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc.)
 - 15.4 hand tools and ancillary equipment
- 16 methods of calculating length and area associated with the method/procedure to erect and dismantle cantilever scaffolds

Security procedures

- 17 site, workplace, company and operative

COSVR249

Erect and dismantle cantilever scaffolds

Developed by	ConstructionSkills
Version number	2
Date approved	January 2010
Indicative review date	April 2014
Validity	Current
Status	Original
Originating organisation	ConstructionSkills
Original URN	VR249
Relevant occupations	Scaffolders, Stagers and Riggers
Suite	Accessing Operations and Rigging (Construction)
Key words	Cantilever; Scaffold, Erecting; Stability; Tube and fitting; Props, Ropes; Plates; Boards

COSVR251

Erect and dismantle pavement or roof scaffolds



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting, dismantling pavement and roof scaffolds

COSVR251

Erect and dismantle pavement or roof scaffolds

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

COSVR251

Erect and dismantle pavement or roof scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR251

Erect and dismantle pavement or roof scaffolds

Performance Criteria 5

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

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

COSVR251

Erect and dismantle pavement or roof scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, method statements, risk assessments, specifications, schedules and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment
 - 2.5 dealing with the public

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools, ancillary equipment and access equipment
- 9 erect and dismantle pavement or roof scaffolds to given working instructions using either of the following materials and component make-up
 - 9.1 tube and fitting
 - 9.2 systems scaffold
- 10 erect and dismantle gantries or saddles

Performance Criteria 6

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

COSVR251

Erect and dismantle pavement or roof scaffolds

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

Information

- 4 drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations and official guidance associated with

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR251

Erect and dismantle pavement or roof scaffolds

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 confirm the area to erect the pavement or roof scaffold.
 - 7.2 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.3 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.4 set out and prepare for the scaffold structure
 - 7.5 erect, secure, dismantle and remove scaffold structure
 - 7.6 erect, secure, dismantle and remove gantries and saddles for pavement and roof scaffolds
 - 7.7 erect and secure the scaffold for the use of other occupations
 - 7.8 erect designed and un-designed scaffolds (limitations and formula)
 - 7.9 deal with the public
 - 7.10 visually inspect fall protection equipment
 - 7.11 install and test anchors and ties
 - 7.12 use hand tools, and ancillary equipment
 - 7.13 work at height
 - 7.14 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling pavement or roof scaffolds

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR251

Erect and dismantle pavement or roof scaffolds

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc)
 - 15.4 hand and ancillary equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle pavement or roof scaffolds

Security procedures

- 17 site, workplace, company and operative

COSVR251

Erect and dismantle pavement or roof scaffolds

Developed by ConstructionSkills

Version number 2

Date approved January 2010

Indicative review date April 2014

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR251

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Pavement scaffold; Roof scaffold; Tube and fitting; Ladders; Ropes; Stability

COSVR252

Utilise provision of fall protection systems

Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing and utilising provision of fall protection systems

COSVR252

Utilise provision of fall protection systems

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

COSVR252

Utilise provision of fall protection systems

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

Selection of resources

You need to know and understand:

- K9 the characteristics, quality, uses, sustainability, 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

COSVR252

Utilise provision of fall protection systems

Performance Criteria 4

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

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

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

COSVR252

Utilise provision of fall protection systems

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, specifications, schedules, method statements, risk assessments and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoidance of risk by complying with the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials and components
 - 3.2 tools and equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with current legislation

Performance Criteria 5

- 7 demonstration of work skills to wear, attach, set out, position, secure, check and remove
- 8 use and maintain hand tools and fall protection systems and equipment
- 9 employ and utilise fall protection systems and/or equipment to given working instructions, using recognised anchor points, for at least two of the following
 - 9.1 scaffold/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 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

COSVR252

Utilise provision of fall protection systems

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

Information

- 4 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

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools and fall protection systems and equipment

COSVR252

Utilise provision of fall protection systems

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills relating to the method/area of work and materials used to:
 - 7.1 locate and position fall protection systems
 - 7.2 wear safety harnesses, attach and secure to fall protection system's equipment
 - 7.3 identify the differences between, fall arrest, restraint and access systems and harnesses
 - 7.4 identify the differences between shock absorbent and restraining lanyards
 - 7.5 visually inspect the fall protection system and equipment for security, safety and operational movement
 - 7.6 identify the thorough examination and test criteria for fall protection equipment (inertia reels, eyebolts and anchor points)
 - 7.7 apply hierarchy of control measures for working at height
 - 7.8 detach and remove fall protection attire and equipment
 - 7.9 comply with a rescue plan
 - 7.10 use hand tools
 - 7.11 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with utilising provision of fall protection systems

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR252

Utilise provision of fall protection systems

Resources

15 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist:

15.1 collective protective equipment

15.2 full body harness

15.3 lanyard with and without shock absorber

15.4 associated hooks, rings and buckles

15.5 tools and equipment

16 methods of calculating quantity associated with the method/procedure to utilise provision for fall protection

Security procedures

17 site, workplace, company and operative

COSVR252

Utilise provision of fall protection systems

Developed by ConstructionSkills

Version number 2

Date approved January 2010

Indicative review date April 2014

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR252

Relevant occupations Scaffolders, Stagers and Riggers; Construction and Building Trades; Engineering Technicians

Suite Accessing Operations and Rigging (Construction); Roofing Occupations (Construction)

Key words Fall protection; Scaffold; Rigging; Wire and rope; Safety-harness; Lanyard; Rings and buckles; Anchorage-points

COSVR255

Install temporary lifting and suspension apparatus



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, installing and removing temporary lifting and suspension apparatus

COSVR255

Install temporary lifting and suspension apparatus

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

COSVR255

Install temporary lifting and suspension apparatus

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR255

Install temporary lifting and suspension apparatus

You need to know and understand:

Performance Criteria 5

Meet the contract specification

- 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

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

COSVR255

Install temporary lifting and suspension apparatus

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, method statements, risk assessments specifications, schedules and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, position, check, operate, secure, dismantle and remove
- 8 use and maintain hand tools, access/ancillary equipment
- 9 install and remove temporary lifting and suspension apparatus to given working instructions, relating to at least two of the following
 - 9.1 block and tackle material lifting gear (manual and mechanical)
 - 9.2 cradle suspensions
 - 9.3 rope access equipment
 - 9.4 bosun's seats
 - 9.5 winches
 - 9.6 counterbalance lifting systems
 - 9.7 suspended platforms

Performance Criteria 6

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

COSVR255

Install temporary lifting and suspension apparatus

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

Information

- 4 drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with temporary lifting and suspension work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR255

Install temporary lifting and suspension apparatus

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify and confirm the requirement to install temporary lifting and suspension apparatus
 - 7.2 prepare types of lifting and suspension apparatus to conform with the method of installation (manual and mechanical)
 - 7.3 install and remove using: block and tackle material lifting gear (manual and mechanical), cradle suspensions, rope access equipment, bosun's seats, winches, counterbalance systems, suspended platform systems
 - 7.4 position, install, secure, dismantle and remove temporary lifting and suspension apparatus
 - 7.5 erect designed and un-designed scaffold (limitations and formula)
 - 7.6 conduct pre-use checks on manual, electrical and mechanical equipment
 - 7.7 visually inspect fall protection equipment
 - 7.8 install and test anchors and ties
 - 7.9 identify the differences between man-riding and material lifting suspension apparatus
 - 7.10 use hand tools, and ancillary equipment
 - 7.11 work at height
 - 7.12 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with installing and removing temporary lifting and suspension apparatus

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR255

Install temporary lifting and suspension apparatus

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 wire and fibre ropes
 - 15.2 chains and slings
 - 15.3 winches and pulley blocks
 - 15.4 counterbalance systems
 - 15.5 decking, planks, rails, boards, bosun's seats
 - 15.6 associated securing materials (lashing, clamps, anchors and ties)
 - 15.7 hand and ancillary equipment
- 16 methods of calculating quantity and length associated with the method/procedure to install and remove temporary lifting and suspension apparatus

Security procedures

- 17 site, workplace, company and operative

COSVR255

Install temporary lifting and suspension apparatus

Developed by ConstructionSkills

Version number 3

Date approved January 2010

Indicative review date April 2014

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR255

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Installing; Lifting; Suspension; Rope access; Winches; Block and tackle; Cradle; Bosun's-seats; Slings; Counterbalance lifting

COSVR258

Equip scaffolds with safeguards and environmental protection



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing for and equipping scaffolding with operational safeguards and environmental protection

COSVR258

Equip scaffolds with safeguards and environmental protection

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

COSVR258

Equip scaffolds with safeguards and environmental protection

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR258

Equip scaffolds with safeguards and environmental protection

Performance Criteria 5

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

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

COSVR258

Equip scaffolds with safeguards and environmental protection

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, position, fit, secure, dismantle and remove
- 8 use and maintain hand tools, protection equipment and access equipment
- 9 install and remove scaffolding guards, barriers and screens to given working instructions relating to
 - 9.1 public protection
 - 9.2 worker protection
 - 9.3 environmental protection

Performance Criteria 6

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

COSVR258

Equip scaffolds with safeguards and environmental protection

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with the provision of safeguards and protection

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify the requirements and confirm materials and method for fitting guards and barriers for the protection of the public, workers and environment
 - 7.2 measure and prepare for fitting guards, barriers and screens
 - 7.3 position, fit and secure guards, barriers and screens
 - 7.4 dismantle and remove guards, barriers and screens
 - 7.5 erect designed and un-designed scaffolds (limitations and formula)
 - 7.6 install and test anchors and ties
 - 7.7 visually inspect fall protection equipment
 - 7.8 use hand tools, and ancillary equipment
 - 7.9 work at height
 - 7.10 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with equipping scaffolds with safeguards and environmental protection

COSVR258

Equip scaffolds with safeguards and environmental protection

Personal protective equipment (PPE)

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

Problems

11 those arising from information, resources and methods of work

11.1 own authority to rectify

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

15.1 plastic canvas, sheeting and netting

15.2 boards and timber-based sheets

15.3 tubes, fittings, clamps, couplers, anchors and ties

15.4 rope, cord and tape

15.5 protection equipment

15.6 hand and ancillary equipment

16 methods of calculating quantity, length and area associated with the method/procedure to equip scaffolding with operational safeguards and environmental protection

Security procedures

17 site, workplace, company and operative

COSVR258

Equip scaffolds with safeguards and environmental protection

Developed by	ConstructionSkills
Version number	2
Date approved	January 2010
Indicative review date	April 2014
Validity	Current
Status	Original
Originating organisation	ConstructionSkills
Original URN	VR258
Relevant occupations	Engineering Technicians
Suite	Accessing Operations and Rigging (Construction)
Key words	Safeguards; Scaffolding; Protection; Guards; Barriers; Netting; Fall protection; Canvas; Tubes

COSVR263

Secure and use rope access arrangements

Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, securing and using rope access arrangements to carry out manoeuvring activities

COSVR263

Secure and use rope access arrangements

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

COSVR263

Secure and use rope access arrangements

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR263

Secure and use rope access arrangements

Performance Criteria 5

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

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

COSVR263

Secure and use rope access arrangements

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of specifications, method statements, risk assessments schedules and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, position, fix, secure, test and remove
- 8 demonstration of work skills to manoeuvre by descent, ascent, change-over, rope to rope, transfer and passing the knot, re-belay, deviation and aid climbing
- 9 use and maintain ropes and ancillary equipment
- 10 secure and use rope access arrangements to carry out manoeuvres to given working instructions

Performance Criteria 6

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

COSVR263

Secure and use rope access arrangements

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

Information

- 4 specifications, schedules, method statements, risk assessments, manufacturers' information and regulations associated with working at height

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR263

Secure and use rope access arrangements

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 confirm the method of rope accessing to be arranged and used
 - 7.2 position and set out
 - 7.3 fit, fix and secure
 - 7.4 test and use
 - 7.5 ascend and descend safely and securely using approved techniques and following recognised codes of practice
 - 7.6 take down and remove rope access arrangement
 - 7.7 visually inspect fall protection equipment
 - 7.8 install and test ties and anchors
 - 7.9 identify the test and use criteria for rope access equipment
 - 7.10 apply the hierarchy of control measures for working at height
 - 7.11 apply rescue plans relating to methods of access
 - 7.12 use hand tools, ropes and ancillary equipment
 - 7.13 work at height
 - 7.14 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with establishing and using rope access arrangements

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR263

Secure and use rope access arrangements

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 ropes
 - 15.2 fixing and securing components
 - 15.3 anchors and ties
 - 15.4 hand tools
 - 15.5 ancillary equipment
- 16 methods of calculating quantity, length, weight and wastage associated with the method/procedure to establish and use rope access arrangements

Security procedures

- 17 site, workplace, company and operative

COSVR263

Secure and use rope access arrangements

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Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR263

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Rope-access; Straight-drop; Double-drop; Ropes; Single-rope; Double-drop

COSVR405

Erect specialised, designed scaffolds and rigging



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, planning, setting out and erecting scaffold/rigging to a design

COSVR405

Erect specialised, designed scaffolds and rigging

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

COSVR405

Erect specialised, designed scaffolds and rigging

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR405

Erect specialised, designed scaffolds and rigging

Performance Criteria 5

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

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

COSVR405

Erect specialised, designed scaffolds and rigging

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, method statements, risk assessments specifications, schedules and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to inspect, measure, position, set out, evaluate, organise
- 8 use and maintain hand tools, measuring and calculation tools, ancillary equipment and access equipment
- 9 erect an engineer's designed specialised scaffold/rigging structure to given working instructions for at least one of the following occupational areas
 - 9.1 scaffolding
 - 9.2 steeplejacking
 - 9.3 rigging – structures used in entertainment
 - 9.4 rigging – suspended access equipment
 - 9.5 off-shore scaffolding

Performance Criteria 6

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

COSVR405

Erect specialised, designed scaffolds and rigging

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

Information

- 4 drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, measuring and calculation tools, ancillary equipment and access equipment

COSVR405

Erect specialised, designed scaffolds and rigging

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 refer to survey and site inspection for the specialised, designed scaffold/rigging requirement
 - 7.2 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.3 measure and evaluate the scope and design of the scaffold/rigging
 - 7.4 plan for and organise resources to erect the scaffold/rigging to the design
 - 7.5 confirm and set out for the scaffold/rigging to be erected
 - 7.6 erect scaffolds for use by other occupations
 - 7.7 maintain records and document design of scaffold/rigging
 - 7.8 visually inspect fall protection equipment
 - 7.9 install and test ties and anchors
 - 7.10 use hand tools, measuring and calculation tools and ancillary equipment
 - 7.11 work at height
 - 7.12 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with the erection of specialised, designed scaffolds and rigging

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR405

Erect specialised, designed scaffolds and rigging

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc)
 - 15.4 hand tools, measuring and calculation tools and ancillary equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect specialised, designed scaffolds and rigging

Security procedures

- 17 site, workplace, company and operative

COSVR405

Erect specialised, designed scaffolds and rigging

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Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR405

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Scaffolds; Rigging; Designed-scaffolds, Suspended; Steeplejacking; Off-shore

COSVR406

Erect and dismantle overhead scaffolds



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting, dismantling overhead scaffolds

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COSVR406

Erect and dismantle overhead scaffolds

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

COSVR406

Erect and dismantle overhead scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR406

Erect and dismantle overhead scaffolds

Performance Criteria 5

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

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

COSVR406

Erect and dismantle overhead scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools, ancillary equipment and access equipment
- 9 erect and dismantle tube and fitting and/or system scaffold for overhead scaffolds, to given working instructions, to form at least two of the following
 - 9.1 drop scaffolds
 - 9.2 hung scaffolds
 - 9.3 scaffolds to span gaps (bridging)
 - 9.4 load bearing scaffold
 - 9.5 scaffolds with restricted access and/or build restrictions
 - 9.6 truss out

Performance Criteria 6

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

COSVR406

Erect and dismantle overhead scaffolds

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR406

Erect and dismantle overhead scaffolds

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify requirements of scaffold design drawings and formula
 - 7.2 confirm the area to erect the overhead scaffold
 - 7.3 confirm the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.4 calculate weight distribution and load balance
 - 7.5 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.6 set out and prepare for the scaffold structure
 - 7.7 erect and secure the following scaffolds: drop, hung and load bearing scaffolds, scaffolds with restricted access and build restrictions, truss out
 - 7.8 erect and secure scaffold for the use of other occupations
 - 7.9 dismantle and remove overhead scaffolds
 - 7.10 visually inspect fall protection equipment
 - 7.11 install and test anchors and ties
 - 7.12 use hand tools and ancillary equipment
 - 7.13 work at height
 - 7.14 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling overhead scaffold structures

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR406

Erect and dismantle overhead scaffolds

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc)
 - 15.4 hand and ancillary equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle overhead scaffold structures

Security procedures

- 17 site, workplace, company and operative

COSVR406

Erect and dismantle overhead scaffolds

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Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR406

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Scaffolds; Overhead-drop; Overhead-hung; Ropes; Plates; Scaffold-structure; Weight-distribution; Load bearing; Truss out

COSVR407

Erect and dismantle falsework scaffolds

Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting, dismantling falsework scaffolds

COSVR407

Erect and dismantle falsework scaffolds

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

COSVR407

Erect and dismantle falsework scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR407

Erect and dismantle falsework scaffolds

Performance Criteria 5

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

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

COSVR407

Erect and dismantle falsework scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools and ancillary equipment
- 9 erect and dismantle tube and fitting and/or systems scaffold to given working instructions to form falsework scaffolds (live loads)

Performance Criteria 6

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

COSVR407

Erect and dismantle falsework scaffolds

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools and ancillary equipment

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify requirements of scaffold drawings and formula
 - 7.2 confirm the area to erect falsework scaffolds
 - 7.3 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.4 calculate weight distribution and load balance (live loads)
 - 7.5 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.6 set out and prepare for the scaffold structure
 - 7.7 erect and secure the scaffold for the use of other occupations
 - 7.8 dismantle and remove falsework scaffolds
 - 7.9 visually inspect fall protection equipment
 - 7.10 use hand tools, and ancillary equipment
 - 7.11 work at height
 - 7.12 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling falsework scaffolds

COSVR407

Erect and dismantle falsework scaffolds

Personal protective equipment (PPE)

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

Problems

11 those arising from information, resources and methods of work

11.1 own authority to rectify

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

15.1 tube and fitting

15.2 systems scaffold

15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc.)

15.4 hand and ancillary equipment

16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle falsework scaffolds

Security procedures

17 site, workplace, company and operative

COSVR407

Erect and dismantle falsework scaffolds

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Originating organisation ConstructionSkills

Original URN VR407

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Falsework; Scaffolds; Deadshore; Tube and Fitting; Fall protection; Systems scaffold; Erect, Dismantle

COSVR408

Erect and dismantle shoring scaffolds

Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting, dismantling deadshore, raking-shore and flying-shore scaffold systems

COSVR408

Erect and dismantle shoring scaffolds

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

COSVR408

Erect and dismantle shoring scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR408

Erect and dismantle shoring scaffolds

Performance Criteria 5

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

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

COSVR408

Erect and dismantle shoring scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools and ancillary equipment
- 9 erect and dismantle tube and fitting and/or systems scaffold to given working instructions to form at least two of the following
 - 9.1 raking-shore scaffolds
 - 9.2 flying-shore scaffolds
 - 9.3 deadshore scaffolds

Performance Criteria 6

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

COSVR408

Erect and dismantle shoring scaffolds

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools and ancillary equipment

COSVR408

Erect and dismantle shoring scaffolds

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify requirements of scaffold drawings and formula
 - 7.2 confirm the area to erect the shoring scaffold
 - 7.3 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.4 calculate weight distribution and load balance
 - 7.5 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.6 set out and prepare for the scaffold structure
 - 7.7 erect and secure the scaffold for the use of other occupations
 - 7.8 dismantle and remove scaffold structure
 - 7.9 visually inspect fall protection equipment
 - 7.10 install and test ties and anchors
 - 7.11 use hand tools, and ancillary equipment
 - 7.12 work at height
 - 7.13 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling shoring scaffolds

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR408

Erect and dismantle shoring scaffolds

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc.)
 - 15.4 hand and ancillary equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle shoring scaffolds

Security procedures

- 17 site, workplace, company and operative

COSVR408

Erect and dismantle shoring scaffolds

Developed by ConstructionSkills

Version number 2

Date approved January 2010

Indicative review date April 2014

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR408

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Shoring-scaffold; Raking-shore; Flying-shore; Erecting; Foundation; Stability; Preps, Boards; Deadshore; Systems scaffold

COSVR411

Inspect scaffolding/rigging systems



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting resources
- 4 preparing for and inspecting the integrity and security of scaffolding/rigging

COSVR411

Inspect scaffolding/rigging systems

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

COSVR411

Inspect scaffolding/rigging systems

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR411

Inspect scaffolding/rigging systems

You need to know and understand:

Performance Criteria 5

Meet the contract specification

- 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

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

COSVR411

Inspect scaffolding/rigging systems

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, check and record
- 8 use and maintain inspection and recording equipment
- 9 inspect scaffolding/rigging systems for compliance with current legislation and issue an inspection or thorough examination certificate

Performance Criteria 6

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

COSVR411

Inspect scaffolding/rigging systems

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with scaffolding/rigging

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of inspection and recording equipment

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify the location and the type of scaffolding/rigging arrangement for inspection
 - 7.2 confirm frequency of inspection and thorough examination
 - 7.3 inspect stability and security of the scaffold and rigging structures
 - 7.4 confirm that the structure complies with current legislation and approved practices
 - 7.5 communicate with appropriate personnel for corrections to the structure that will uphold its integrity and security
 - 7.6 record and report findings
 - 7.7 issue appropriate certification
 - 7.8 visually inspect fall protection equipment
 - 7.9 use inspection and recording equipment
 - 7.10 work at height
 - 7.11 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with inspecting scaffold and rigging structures

COSVR411

Inspect scaffolding/rigging systems

Personal protective equipment (PPE)

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

Problems

11 those arising from information, resources and methods of work

11.1 own authority to rectify

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 inspection and recording equipment

Security procedures

17 site, workplace, company and operative

COSVR411

Inspect scaffolding/rigging systems

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Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR411

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Inspecting; Scaffolding; Rigging; Security; Inspection certificate; Thorough examination certificate

COSVR609

Erect and dismantle temporary roof scaffolds



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, erecting and dismantling temporary roof scaffolds incorporating towers/independent scaffolds and beams

COSVR609

Erect and dismantle temporary roof scaffolds

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

COSVR609

Erect and dismantle temporary roof scaffolds

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

You need to know and understand:

- K4 the level of understanding operatives must have of **information** for relevant, 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 what the accident reporting procedures are and who is responsible for making the report
- K8 why, when and how **personal protective equipment (PPE)** should be used

Performance Criteria 3

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

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

COSVR609

Erect and dismantle temporary roof scaffolds

Performance Criteria 5

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

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

COSVR609

Erect and dismantle temporary roof scaffolds

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

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

Performance Criteria 2

- 2 avoidance of risk by following the given information relating to the following
 - 2.1 safe use of personal protective equipment (PPE)
 - 2.2 safe use of access equipment and fall arrest equipment to carry out the activity
 - 2.3 safe use and storage of tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 3.2 tools and equipment
 - 3.3 lifting accessories
 - 3.4 access equipment

Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space
- 6 disposal of waste in accordance with legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, assemble, fix, position, secure and remove
- 8 use and maintain hand tools, ancillary equipment, lifting accessories and access equipment
- 9 erect and dismantle tube and fitting and/or systems scaffold to given working instructions to form the following
 - 9.1 mobile temporary roofs
 - 9.2 prefabricated roof scaffolds
 - 9.3 beams

Performance Criteria 6

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

COSVR609

Erect and dismantle temporary roof scaffolds

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

Information

- 4 plans, drawings and sketches, specifications, schedules, method statements, risk assessments, manufacturers' information, standards, regulations and official guidance associated with scaffolding work

Legislation and official guidance

- 5 this relates to the 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/storage of materials and by manual handling and mechanical lifting

Maintenance

- 6 operative care of hand tools, ancillary equipment and access equipment

COSVR609

Erect and dismantle temporary roof scaffolds

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 identify requirements of scaffold design drawings and formula
 - 7.2 confirm the area to erect the temporary roof scaffold
 - 7.3 confirm that the stability of the foundation/structure on which the scaffold will be erected and secured has been considered
 - 7.4 calculate weight distribution and load balance
 - 7.5 confirm the materials and component make-up (tube and fitting, systems scaffold)
 - 7.6 set out and prepare for the scaffold structure
 - 7.7 erect, secure, dismantle and remove the following: temporary roof scaffolds, structures using independent scaffolds and beams, mobile temporary roofs, prefabricated roof scaffolds
 - 7.8 erect and secure the scaffold for the use of other occupations
 - 7.9 work with lifting equipment and accessories
 - 7.10 visually inspect fall protection equipment
 - 7.11 install and test ties and anchors
 - 7.12 use hand tools, and ancillary equipment
 - 7.13 work at height
 - 7.14 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and dismantling temporary roof scaffold structures

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

Problems

- 11 those arising from information, resources and methods of work
 - 11.1 own authority to rectify
 - 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

COSVR609

Erect and dismantle temporary roof scaffolds

Resources

- 15 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
 - 15.1 tube and fitting
 - 15.2 systems scaffold
 - 15.3 associated materials (props, ropes, anchors, ties, boards, plates, beams, ladders, proprietary components etc)
 - 15.4 lifting accessories
 - 15.4 hand and ancillary equipment
- 16 methods of calculating quantity, length and area associated with the method/procedure to erect and dismantle temporary roof scaffold structures

Security procedures

- 17 site, workplace, company and operative

COSVR609

Erect and dismantle temporary roof scaffolds

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Originating organisation ConstructionSkills

Original URN VR609

Relevant occupations Scaffolders, Stagers and Riggers

Suite Accessing Operations and Rigging (Construction)

Key words Roof-scaffolds; Mobile temporary, Erect; Tube and fitting; Fall protection; Systems scaffold; Prefabricated roof scaffolds;