

Developer's Pack
National Occupational Standards
for
Controlling Lifting Operations
(Construction)

Review 2019/2020

COSVR402, COSVR529, COSVR530, COSVR531

September 2019



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Overview

This standard is about interpreting information, adopting safe, healthy and environmentally responsible work practices and selecting components and equipment, preparing lifting accessories for slinging, attaching and securing loads and signalling the movement of suspended loads to guide them to an agreed destination and leaving the load in a safe condition

This standard is for people working independently or in a team to prepare and sling loads and signal movement to operators of plant or machinery that lift and transfer suspended loads. This standard can be used by operatives, supervisors and managers.

COSVR402

Slinging and signalling the movement of suspended loads

Performance criteria

You must be able to:

- P1 interpret the given operating information relating to the use of plant or machinery and confirm its relevance
- P2 organise with others the sequence in which the work is to be carried out
- P3 comply with the relevant, current legislation, special legal status documents, official guidance and organisational procedures to maintain safe and healthy work practices
- P4 select plant or machinery resources for the methods of work and operations to be carried out
- P5 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
- P6 comply with the given contract information to carry out the work efficiently to the required specification
- P7 complete the work within the allocated time, in accordance with the programme of work

COSVR402

Slinging and signalling the movement of suspended loads

Knowledge and understanding

Performance Criteria 1

Interpretation of information

You need to know and understand:

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

Organise with others

You need to know and understand:

- K4 **communication** of ideas between team members
- K5 organisation of **resources** in conjunction with the progress of work
- K6 the **skills** required to carry out the work

Performance Criteria 3

Safe work practices

You need to know and understand:

- K7 the level of understanding operatives must have of **information** for relevant, current **legislation, Approved Codes of Practice and official guidance** and how it is applied
- K8 how **emergencies** should be responded to and who should respond
- K9 the organisational **security procedures** for plant and/or machinery, tools, equipment and personal belongings
- K10 what the accident reporting procedures are and who is responsible for making the report
- K11 why, when and how **health and safety control equipment** should be used
- K12 how to comply with environmentally responsible work practices to meet the requirements of current **legislation and official guidance**

Slinging and signalling the movement of suspended loads

Performance Criteria 4

Selection of resources

You need to know and understand:

- K13 the characteristics, quality, uses, sustainability, limitations and defects associated with plant **resources** and how defects should be rectified
- K14 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K15 the organisational procedures to select **resources**, why they have been developed and how they are used
- K16 the **hazards** associated with the **resources** and **methods of work** and how they are overcome

Performance Criteria 5

Minimise the risk of damage

You need to know and understand:

- K17 how to **protect work** from damage and the purpose of protection
- K18 why **disposal of waste** should be carried out safely and how it is achieved

Performance Criteria 6

Meet the contract specification

You need to know and understand:

- K19 how **methods of work**, to meet the specification, are carried out and **problems** reported
- K20 how **maintenance** of plant and/or machinery, tools and equipment is carried out

Performance Criteria 7

Allocated time

You need to know and understand:

- K21 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

Slinging and signalling the movement of suspended loads

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, specifications, schedules, risk assessments, method statements (lift plans), and manufacturers' information related to the plant or machinery operations and the work to be carried out

Performance Criteria 2

- 2 organisation of own work
- 3 communication with team members and other associated occupations about the plant or machinery operation and the work to be carried out

Performance Criteria 3

- 4 avoidance of risk by complying with the given safety information relating to at least five of the following
 - 4.1 methods of work
 - 4.2 safe use of health and safety control measures
 - 4.3 safe use and storage of tools and equipment
 - 4.4 safe use, storage and handling of lifting accessories
 - 4.5 safe use of access equipment
 - 4.6 specific risks to health

Performance Criteria 4

- 5 selection of resources associated with own work
 - 5.1 lifting accessories, lifting aids, hand tools and ancillary equipment
 - 5.2 signalling and communication equipment

Performance Criteria 5

- 6 protection of the work and its surrounding area from damage
- 7 prevent damage and maintain a clean work space
- 8 disposal of waste in accordance with current legislation

Slinging and signalling the movement of suspended loads

Performance Criteria 6

- 9 demonstration of work skills to measure, gauge, estimate, calculate, fit, fix, test, balance, interpret, inspect, judge, explain, prepare, indicate, inform, instruct, sign, position, adjust, configure, move, secure, signal and relay
- 10 use and maintain lifting accessories, lifting aids and signalling and communication equipment
- 11 inspect and prepare lifting accessories prior to slinging
- 12 sling and signal for the lifting and movement of loads by plant or machinery operations to given working instruction, either by occupation specific slinging and signalling – at least three of the following, or by slinging and signalling as an occupation – all of the following
 - 12.1 balance
 - 12.2 unbalanced
 - 12.3 loose
 - 12.4 bundled
 - 12.5 container
 - 12.6 drum
 - 12.7 a load where the machine operator cannot observe its full movement path
- 13 guide, move and place suspended loads to agreed destinations to given working instructions using hand signals, plus, for slinging and signalling as an occupation, the following methods
 - 13.1 hand signalling equipment
 - 13.2 electronic communication equipment

Performance Criteria 7

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

Slinging and signalling the movement of suspended loads

Scope/range related to knowledge and understanding

Communication

- 1 discussions, sketches, electronic data and briefings, signalling and radio communication

Disposal of waste

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

Emergencies

- 3 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
 - 3.1 fires, spillages, injuries
 - 3.2 emergencies relating to occupational activities

Hazards

- 4 those identified by risk/COSHH assessments, method of work, manufacturers' technical information, statutory regulations and official guidance

Health and safety control equipment

- 5 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment
 - 5.1 collective protective measures
 - 5.2 local exhaust ventilation (LEV)
 - 5.3 personal protective equipment (PPE)
 - 5.4 respiratory protective equipment (RPE)

Information

- 6 drawings, specifications, schedules, method statements, risk assessments, lift plans, work instructions, manufacturers' information, approved procedures and Codes of Practice

Legislation, Approved Codes of Practice and official guidance

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

Maintenance

- 8 operative care of lifting accessories, lifting aids and signalling and communication equipment

Slinging and signalling the movement of suspended loads

Methods of work

- 9 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to
 - 9.1 identify the differences between: slinging and signalling, directing and guiding movement of vehicles, plant and machinery; and directing and guiding operations of plant and machinery not being used for lifting operations
 - 9.2 confirm the authority, duties and responsibilities allocated
 - 9.3 identify characteristics of lifting equipment and lifting accessories
 - 9.4 identify and interpret valid certification for maintenance, inspection and thorough examination
 - 9.5 lift and transfer people
 - 9.6 sling, balanced, unbalanced, loose, live, bundled, container drum loads and loads that are blind to the equipment operator
 - 9.7 communicate using hand signals, hand signalling equipment (lights, wands, fluorescent gloves, flags) and electronic communication equipment (loud hailers, radios)
 - 9.8 confirm methods of communication
 - 9.9 recognise blind-spots, potential crush zones and other limitations to driver visibility
 - 9.10 consider the load characteristics including centre of gravity and lifting points to determine the method of slinging
 - 9.11 determine and check the route of the load before and during the lift including distances, clearances and landing position
 - 9.12 select, handle, inspect and use (assemble, set up and adjust) lifting accessories and aids
 - 9.13 identify rejection criteria for removing lifting accessories from service
 - 9.14 recognise and determine when specific skills and knowledge are required and report accordingly
 - 9.15 attach lifting accessories and sling loads securely
 - 9.16 ensure balance and stability of loads
 - 9.17 attach and use load guidance equipment (tag lines)
 - 9.18 guide and place suspended loads by recognised methods of communication and agreed operational procedures
 - 9.19 land and position loads safely and securely

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Slinging and signalling the movement of suspended loads

9.20 remove, disassemble and store lifting accessories

9.21 use hand tools and ancillary equipment

10 team work and communication

11 needs of other occupations associated with slinging and signalling the movement of suspended loads

Problems

12 those arising from information, resources and methods of work

12.1 own authority to rectify

12.2 organisational reporting procedures

Programme

13 types of progress charts, timetables and estimated times

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

Protect work

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

Resources

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

16.1 lifting accessories

16.2 signalling and communication equipment

16.3 hand tools and ancillary equipment

17 identify weight, quantity, length and area associated with the method/procedure for slinging and signalling the movement of suspended loads

Security procedures

18 site, workplace, company and operative

Skills

19 own occupation and occupations related to the work

COSVR402

Slinging and signalling the movement of suspended loads

Developed by ConstructionSkills

Version number 2

Date approved July 2014

Indicative review date July 2019

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR402

Relevant occupations Mobile Machine Drivers and Operatives

Suite Controlling Lifting Operations; Accessing Operations and Rigging (Construction); Cladding Occupations (Construction); Construction Diving Operations; Construction Operations and Civil Engineering Services; Demolition; Drilling Operations; Erection of Precast Concrete (Construction); Formwork (Construction); Innovative/Modern Methods of Construction; Mastic Asphaltting (Construction); Piling Operations (Construction); Plant Installation (Construction); Plant Operations (Construction); Removal of Hazardous and Non-hazardous waste (Construction); Site Logistics (Construction); Specialist Concrete Operations (Construction); Specialist Installation Occupations (Construction); Steelfixing (Construction); Stonemasonry (Construction); Sub-structure Work Occupations (Construction); Super-structure Work Occupations (Construction); Temporary Traffic Management (Construction); Thermal Insulation (Construction); Tunnelling Operations (Construction); Wall and Floor Tiling (Construction); Wood Occupations (Construction)

Key words Radio communication; Lifting equipment; Lifting aids, Signalling and communication equipment; Hand signalling equipment

COSVR529

Plan lifting activities



Overview

This standard is about

- 1 identifying work methods
- 2 structuring work methods
- 3 recording work methods
- 4 identifying, agreeing and scheduling lifting requirements with decision-makers

COSVR529

Plan lifting activities

Performance criteria

You must be able to:

- P1 confirm the work requirements against the sourced information
- P2 identify and review influencing factors and guidance sources about the work environment and resources
- P3 structure work methods by assessing and accounting for all the influencing factors
- P4 amend work methods to take account of changing circumstances whilst maintaining the requirements of the lifting activity
- P5 communicate amended work methods to people involved in the lifting operation
- P6 prepare plans, and record work methods and schedules in written and visual formats, and negotiate and agree them with decision-makers

COSVR529

Plan lifting activities

Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Confirm work requirements

- K1 how to confirm work requirements for **lifting activities** against **information sources**
- K2 who to consult to confirm work requirements

Performance Criteria 2

Identify and review factors and guidance materials

You need to know and understand:

- K3 how to identify and review **influencing factors**
- K4 how to identify and review **guidance material**
- K5 why you need to review **influencing factors** against **guidance material**

Performance Criteria 3

Structure work methods

You need to know and understand:

- K6 how to assess and account for **influencing factors**
- K7 how to prioritise **lifting activities**
- K8 why you need to prioritise **lifting activities**

Performance Criteria 4

Amend work methods

You need to know and understand:

- K9 how to take account of **changing circumstances**
- K10 how to amend work methods when reviewing **influencing factors**

Performance Criteria 5

Communicate amended work methods

You need to know and understand:

- K11 how to **communicate** amended work methods to **people** involved in the **lifting activity**

Performance Criteria 6

Prepare plans and record work methods and schedules

You need to know and understand:

- K12 how to prepare plans and record work methods and schedules for **lifting activities**
- K13 how to negotiate and agree work methods and schedules with decision-makers

COSVR529

Plan lifting activities

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 records of confirming at least one of the lifting activities from six of the information sources listed
 - 1.1 lifting activities: cranes; lift trucks; excavators; hoists access equipment
 - 1.2 information sources: survey reports; design; contractual; statutory consents; risk assessments; method statements; programmes; records about the competence of people; sub-contractor; health, safety and environmental plans; utilities; work permits; local authorities; highways authorities; clients

Performance Criteria 2

- 2 records of consideration for at least four of the following influencing factors
 - 2.1 organisational requirements
 - 2.2 contractual requirements
 - 2.3 statutory requirements
 - 2.4 resource allocation
 - 2.5 working requirements
 - 2.6 environmental considerations
 - 2.7 weather conditions
- 3 records of consultation for at least three of the following guidance/information sources
 - 3.1 operators' manuals
 - 3.2 plant, equipment and machinery data
 - 3.3 maintenance schedules and manuals
 - 3.4 practice guides and specifications
 - 3.5 current legislation and official guidance
 - 3.6 clients
 - 3.7 consultants
 - 3.8 sub-contractors
 - 3.9 specialists

Performance Criteria 3

- 4 records of arranging and planning work methods with consideration for influencing factors

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Plan lifting activities

Performance Criteria 4

- 5 records of amended working methods taking account of at least two of the following changed circumstances
 - 5.1 susceptibility to damage
 - 5.2 safety requirements
 - 5.3 compromised operational effectiveness
 - 5.4 weather conditions
 - 5.5 use, or change of use
 - 5.6 current legislation
 - 5.7 resources
 - 5.8 plant, machinery and equipment
 - 5.9 workforce
 - 5.10 security threats
 - 5.11 external factors

Performance Criteria 5

- 6 records of communicating amended work methods

Performance Criteria 6

- 7 records of organising plans, work methods and schedules for lifting activities

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Plan lifting activities

Scope/range related to knowledge and understanding

Changing circumstances

- 1 susceptibility to damage
- 2 safety requirements
- 3 compromised operational effectiveness
- 4 weather conditions
- 5 use or change of use
- 6 current legislation
- 7 resources
- 8 workforce
- 9 plant, machinery or equipment
- 10 security threats

Communicate

- 11 discussions
- 12 sketches
- 13 briefings

Influencing factors

- 14 client requirements
- 15 organisational requirements
- 16 contractual requirements
- 17 statutory requirements
- 18 resource allocation
- 19 working requirements
- 20 environmental considerations
- 21 weather conditions
- 22 health, safety and welfare requirements

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Plan lifting activities

Information sources

- 23 survey reports
- 24 design
- 25 contractual
- 26 clients
- 27 sub-contractors
- 28 consultants
- 29 specialists
- 30 statutory consents
- 31 risk assessments and method statements
- 32 programmes
- 33 records about the competence of people
- 34 sub-contractor arrangements
- 35 health, safety and environmental plans
- 36 service disconnection certificates
- 37 work permits
- 38 utilities
- 39 local authority
- 40 highway authority

Guidance materials

- 41 operators' manuals
- 42 plant, machinery or equipment data
- 43 maintenance schedules and manuals
- 44 practice guides and specifications
- 45 current legislation and official guidance

Lifting activities

- 46 cranes
- 47 lift trucks
- 48 excavators
- 49 hoists
- 50 access equipment

People

- 51 workforce
- 52 clients
- 53 other personnel on site
- 54 members of the public
- 55 occupiers
- 56 site visitors
- 57 people affected by on-site operations

COSVR529

Plan lifting activities

Developed by ConstructionSkills

Version number 1

Date approved July 2008

Indicative review date May 2015

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR529

Relevant occupations Construction and Building Trades Supervisors

Suite Controlling Lifting Operations (Construction)

Key words Plant; Cranes; Lift trucks; Hoists; Excavators; Access equipment; Lifting-equipment; Work-planning; Methods of work; Risk assessments; Method statements; Legislation; Moving-loads; Lifting; Communication; Planning-lifts

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations



Overview

This standard is about

- 1 evaluating, developing and implementing the conditions for a safe and healthy environment
- 2 ensuring all necessary equipment, resources and procedures for a safe and healthy environment have been identified
- 3 ensuring personnel in the lifting operation are competent and aware of their health and safety responsibilities
- 4 identifying environmental factors and sustainability requirements in lifting operations

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations

Performance criteria

- You must be able to:*
- P1 identify and recommend actions for improving the health, safety and welfare of people affected by the lifting operation
 - P2 promote a culture of health, safety, welfare and environmental awareness
 - P3 establish procedures that ensure workforce responsibilities and competencies, and are fully inducted to the lifting operation
 - P4 ensure the identification of health, safety, welfare and environmental protection equipment and resources in order to comply with current legislation
 - P5 implement systems, which meet organisational and statutory requirements, and that identifies hazards, reduces risks, reports accidents and emergencies and prevents recurrence
 - P6 review health, safety, welfare and environmental protection systems on previous lifting activities in accordance with organisational and statutory requirements
 - P7 assess the significance of environmental factors as they affect the lifting operation, and take appropriate action

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations

Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Operational improvements

- K1 how to identify ways to improve health, safety and welfare for **people** on site
- K2 how to recommend actions for improvement of health, safety and welfare systems

Performance Criteria 2

Encourage awareness

- K3 how to promote a culture of health, safety, welfare and environmental awareness on site

You need to know and understand:

Performance Criteria 3

Workforce and visitors

- K4 how to ensure the workforce and visitors have site **inductions**
- K5 how to specify the competence of **people** within **lifting activities**
- K6 why you need to ensure that the workforce and visitors have **inductions**, and the **people** under your control are competent

You need to know and understand:

Performance Criteria 4

Protection equipment and resources

- K7 how to identify and communicate health, safety, welfare and environmental **protection equipment and resources** which meet project, **organisational and statutory requirements**

You need to know and understand:

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Plan and establish health, safety, welfare and environmental systems for lifting operations

You need to know and understand:

Performance Criteria 5

Implementing systems

- K8 how to implement a system which meets **organisational and statutory requirements** for identifying hazards and reducing risks
- K9 how to implement a system which meets **organisational and statutory requirements** for reporting accidents and emergencies, and operates to prevent recurrence
- K10 why you need to implement a system to identify hazards, reduce risks and report accidents

You need to know and understand:

Performance Criteria 6

Reviewing lifting activities

- K11 how to review **lifting activities** that do not comply with **organisational and statutory requirements**

You need to know and understand:

Performance Criteria 7

Environmental factors

- K12 how to assess the significance of **environmental factors** affecting the lifting operation, and how to take appropriate action
- K13 why you need to assess the significance of **environmental factors** affecting the lifting operation

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 records of recommendations made that could improve health, safety or welfare of people during the work

Performance Criteria 2

- 2 records of the initiatives taken to promote health, safety, welfare and environmental considerations during the work

Performance Criteria 3

- 3 records of allocating the required health, safety and welfare responsibilities and identifying the competences of the workforce
- 4 records of planning safety, welfare and first-aid inductions and briefings prior to the lifting operation

Performance Criteria 4

- 5 records of identification on at least five of the following health, safety, welfare and environmental protection equipment or resources
 - 5.1 protective clothing
 - 5.2 protective equipment
 - 5.3 first aid facilities and arrangements
 - 5.4 welfare facilities
 - 5.5 storage and security of materials and equipment
 - 5.6 accident and incident reporting system
 - 5.7 fire-fighting equipment
 - 5.8 provision of health, safety and welfare training

Performance Criteria 5

- 6 records of the system implemented to identify hazards and reduce risks
- 7 records of the system implemented to report accidents and emergencies and prevent recurrence

Performance Criteria 6

- 8 records of reviewing lifting activities

Performance Criteria 7

- 9 records of consideration for at least three of the following environmental factors
 - 9.1 ecological
 - 9.2 nature conservation
 - 9.3 noise
 - 9.4 emissions to land, air and water
 - 9.5 economic and social
 - 9.6 traffic and people management
 - 9.7 waste management and recycling

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations

Scope/range related to knowledge and understanding

Environmental factors

- 1 ecological
- 2 nature conservation
- 3 noise
- 4 emissions to land, air and water
- 5 economic and social
- 6 traffic and people management
- 7 waste management and recycling

Inductions

- 8 health and safety responsibilities
- 9 welfare facilities
- 10 environmental responsibilities
- 11 health, safety, welfare and environmental protection equipment and resources
- 12 risk control procedures
- 13 first aid arrangements
- 14 health, safety and environmental plans
- 15 emergency drills

Lifting activities

- 16 cranes
- 17 lift trucks
- 18 excavators
- 19 hoists
- 20 access equipment

Organisational and statutory requirements

- 21 lifting activity-specific health, safety, welfare and environmental legislation
- 22 recognised industry codes of practice
- 23 organisational procedures

People

- 24 workforce
- 25 other personnel on site
- 26 members of the public
- 27 occupiers
- 28 site visitors
- 29 people affected by site operations

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations

Protection equipment and resources

- 30 protective clothing
- 31 protective equipment
- 32 first aid facilities and arrangements
- 33 welfare facilities
- 34 storage and security materials and equipment
- 35 accident and incident reporting systems
- 36 fire fighting equipment
- 37 health, safety and welfare training

COSVR530

Plan and establish health, safety, welfare and environmental systems for lifting operations

Developed by	ConstructionSkills
Version number	1
Date approved	July 2008
Indicative review date	May 2015
Validity	Current
Status	Original
Originating organisation	ConstructionSkills
Original URN	VR530
Relevant occupations	Construction and Building Trades Supervisors
Suite	Controlling Lifting Operations (Construction)
Key words	Plant; Cranes; Lifting-equipment; Environmental factors; Legislation; Moving-loads; Health; Safety; Welfare; Environmental; Protection; Planning lifts

COSVR531

Supervise lifting activities



Overview

This standard is about

- 1 interpreting work method and lift plan information
- 2 monitoring lifting activities by pre-work, progress and post-work checks
- 3 controlling necessary resources
- 4 identifying problems and communicating corrective action

COSVR531

Supervise lifting activities

Performance criteria

- You must be able to:*
- P1 carry out the supervision of lifting activities following given data which will minimise disruption and maintain optimum performance
 - P2 observe current legislation and official guidance appropriate to the work environment
 - P3 identify and assess faults and problems and recommend corrective action which conforms to safe working methods and practices
 - P4 conduct pre-work checks to meet statutory requirements, official guidance and maintain safe working methods and practices
 - P5 keep accurate records of work progress checks, faults, problems and quantities involved
 - P6 conduct post-work checks to ensure completion of the work method data
 - P7 identify, assess and maintain the necessary resources for lifting activities

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Supervise lifting activities

Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Supervise lifting activities

- K1 how to supervise programmed **lifting activities**
- K2 how to minimise disruption to other works during **lifting activities**
- K3 how to minimise disruption to **people** during **lifting activities**
- K4 how to apply methods that will optimise performance during **lifting activities**

Performance Criteria 2

Observe legislation and guidelines

You need to know and understand:

- K5 what current legislation and official guidance applies directly to **lifting activities**

Performance Criteria 3

Identify and assess faults and problems

You need to know and understand:

- K6 how to identify common lifting operation **faults and problems**
- K7 how to assess **faults and problems**
- K8 how to make recommendations for **corrective action** and suggest solutions for **faults and problems**
- K9 how to communicate **corrective actions** for **lifting activities**
- K10 how to apply **corrective action** with non-conforming plant, equipment and machinery

Performance Criteria 4

Conduct pre-work checks

You need to know and understand:

- K11 how to conduct pre-work **lifting activity checks** in order to meet **statutory requirements**
- K12 how to record pre-work **lifting activity checks**
- K13 why you need to conduct pre-work **lifting activity checks**
- K14 how to apply effective **communication** methods to team members

Performance Criteria 5

Keep accurate records

You need to know and understand:

- K15 how to keep accurate records of work progress **lifting activity checks** including **faults, problems** and quantities used
- K16 why accurate records are needed

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Supervise lifting activities

Performance Criteria 6

Conduct post-work checks

You need to know and understand:

- K17 how to conduct post-work **lifting activity checks** in order to meet **statutory requirements**
- K18 how to record post-work **lifting activity checks**
- K19 why you need to conduct post-work **lifting activity checks**

Performance Criteria 7

Identify, assess and maintain resources

You need to know and understand:

- K20 how to identify the necessary **resources** for **lifting activities**
- K21 how to assess the quality of **resources** for **lifting activities**
- K22 how to maintain the necessary **resources** for **lifting activities**

COSVR531

Supervise lifting activities

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 records of programmes of lifting activities for at least one of the following
 - 1.1 cranes
 - 1.2 lift trucks
 - 1.3 excavators
 - 1.4 hoists
 - 1.5 access equipment

Performance Criteria 2

- 2 protection of the workforce, the general public, visitors and the environment by the application of information relating to at least three of the following
 - 2.1 methods of work
 - 2.2 risk assessment
 - 2.3 safe use and storage of plant, equipment and machinery
 - 2.4 safe use and storage of materials
 - 2.5 traffic management
 - 2.6 work permits
 - 2.7 emergency plans
 - 2.8 Codes of Practice
 - 2.9 regulations

Performance Criteria 3

- 3 records of dealing with at least two of the following lifting activity faults and problems
 - 3.1 work method data errors
 - 3.2 construction errors
 - 3.3 identification of further utilities
 - 3.4 heritage concerns
 - 3.5 environmental concerns
 - 3.6 incorrect maintenance
 - 3.7 identification of hazardous materials
 - 3.8 breaches of security
 - 3.9 documentation error/availability
 - 3.10 certification error/availability
 - 3.11 non-conforming plant, equipment or machinery

Performance Criteria 4

- 4 records of checks for at least two of the following
 - 4.1 condition
 - 4.2 fit for purpose
 - 4.3 health and safety
 - 4.4 environmental
 - 4.5 people

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Supervise lifting activities

Performance Criteria 5

- 5 records of work progress checks detailing work done, faults, problems and quantities involved

Performance Criteria 6

- 6 records of checks confirming completion of the lifting activity according to given data and removal of associated resources

Performance Criteria 7

- 7 records of the acquisition and maintenance for at least three of the following resources
 - 7.1 people
 - 7.2 plant, equipment or machinery
 - 7.3 materials and components
 - 7.4 sub-contractors
 - 7.5 work area and facilities
 - 7.6 waste management
 - 7.7 utility providers

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Supervise lifting activities

Scope/range related to knowledge and understanding

Communication

- 1 discussions
- 2 sketches
- 3 briefings

Corrective action

- 4 redesign
- 5 reconfigure
- 6 restrict
- 7 reposition
- 8 repair
- 9 replace
- 10 isolate
- 11 quarantine

Faults and problems

- 12 work method data errors
- 13 construction errors
- 14 identification of further utilities
- 15 heritage concerns
- 16 environmental concerns
- 17 incorrect maintenance
- 18 identification of hazardous materials
- 19 documentation error/availability
- 20 certification error/availability
- 21 non-conforming plant, equipment or machinery
- 22 breaches of security

Lifting activities

- 23 cranes
- 24 lift trucks
- 25 excavators
- 26 hoists
- 27 access equipment

Lifting activity checks

- 28 condition
- 29 fit for purpose
- 30 health and safety
- 31 working area
- 32 ground conditions
- 33 people
- 34 environmental

COSVR531

Supervise lifting activities

People

- 35 workforce
- 36 client
- 37 other personnel on site
- 38 members of the public
- 39 occupiers
- 40 site visitors
- 41 people affected by on-site operations

Resources

- 42 people
- 43 plant, equipment or machinery
- 44 materials and components
- 45 sub-contractors
- 46 work area and facilities
- 47 waste management
- 48 utility providers

Statutory requirements

- 49 test
- 50 examination
- 51 inspection
- 52 certification

COSVR531

Supervise lifting activities

Developed by ConstructionSkills

Version number 1

Date approved July 2008

Indicative review date May 2015

Validity Current

Status Original

Originating organisation ConstructionSkills

Original URN VR531

Relevant occupations Construction and Building Trades Supervisors

Suite Controlling Lifting Operations (Construction)

Key words Plant; Cranes; Supervising; Lifting-equipment; Monitoring-lifting; Lifting operations; Communicating; Organising-work; Moving-loads; Slinging; Signalling