

COSVR530 - SQA Unit Code FB2X 04

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 - SQA Unit Code FB2X 04

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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 - SQA Unit Code FB2X 04

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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

You need to know and understand:

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

Performance Criteria 3

Workforce and visitors

You need to know and understand:

- 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

Performance Criteria 4

Protection equipment and resources

You need to know and understand:

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

COSVR530 - SQA Unit Code FB2X 04

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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 - SQA Unit Code FB2X 04

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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 - SQA Unit Code FB2X 04

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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 - SQA Unit Code FB2X 04

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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 - SQA Unit Code FB2X 04

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