
Overview

This standard is about planning and establishing safety, health, welfare and environmental systems for lifting operations. The evaluation, development and implementation of conditions to ensure a safe and healthy work environment by identifying all necessary equipment, resources, procedures and environmental sustainability requirements, and ensuring that personnel are competent and aware of their safety, health, welfare and environmental responsibilities

This standard is for people who have the responsibility for planning lifting operations using lifting equipment and can be used by operatives, supervisors and managers

Performance criteria

You must be able to:

Performance criteria 1

Operational improvements

1.1 identify and recommend actions for improving the safety, health and welfare of people during the lifting operation by producing records of recommendations

Performance criteria 2

Encourage awareness

2.1 promote a culture of safety, health, welfare and environmental awareness during the lifting operation by producing records of the initiatives taken during the lifting operation

Performance criteria 3

Workforce and visitors

3.1 establish procedures that ensure lifting team responsibilities and competencies are fully applied to the lifting operation by:

3.1.1 producing records of allocating the required safety, health and welfare responsibilities and identifying the competency of the workforce

3.1.2 producing records of planning site inductions and activity briefings prior to the lifting operation

Performance criteria 4

Protection equipment and resources

4.1 ensure the safety, health, welfare and environmental protection equipment and resources comply with current legislation

4.2 produce records for identification of the following safety, health, welfare and environmental protection equipment or resources:

4.2.1 protective clothing

4.2.2 protective equipment

4.2.3 first aid facilities and arrangements

4.2.4 welfare facilities

4.2.5 storage and security of materials and equipment

4.2.6 accident and incident reporting system

4.2.7 fire-fighting equipment

4.2.8 health, safety and welfare training

4.2.9 environmental protection arrangements

Performance criteria 5 Implementing systems

5.1 establish and implement systems, which meet organisational and statutory requirements to identify hazards, reduce risks, report incidents or near misses, analyse causes and lessons learned to prevent recurrence

Performance criteria 6 Reviewing lifting activities

6.1 in accordance with organisational and statutory requirements, create or complete records of reviews of safety, health, welfare and environmental protection systems on completed lifting activities

Performance criteria 7 Environmental factors

7.1 identify and assess the significance of the relevant following environmental factors and take appropriate action

7.1.1 ecological

7.1.2 nature conservation

7.1.3 noise or nuisance

7.1.4 emissions and contamination to land, air and water

7.1.5 economic and social

7.1.6 traffic and people management

7.1.7 waste management and recycling

7.1.8 weather

7.1.9 wind effects, vortices and building shielding

Knowledge and understanding

You need to know and understand:

Performance criteria 1 Operational improvements

K1 how to identify ways to improve safety, health and welfare for people on site

K2 how to identify and recommend actions for improvement of safety, health and welfare systems in relation to the following:

- 2.1 workforce
- 2.2 lifting team
- 2.3 customer
- 2.4 other personnel on site
- 2.5 members of the public
- 2.6 occupiers of buildings
- 2.7 site visitors
- 2.8 people affected by on-site operations

Performance criteria 2 Encourage awareness

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

Performance criteria 3 Workforce and visitors

K4 why the workforce and site visitors need to have site inductions

K5 how to ensure site inductions are conducted in relation to:

- 5.1 health and safety responsibilities
- 5.2 welfare facilities
- 5.3 environmental responsibilities
- 5.4 safety, health, welfare and environmental protection equipment and resources
- 5.5 risk control procedures
- 5.6 first aid arrangements
- 5.7 health, safety and environmental plans
- 5.8 emergency procedures

K6 how to specify the competence of the following lifting team members:

- 6.1 appointed persons and lift planners
- 6.2 lifting operations supervisor
- 6.3 slinger signallers
- 6.4 crane or lifting equipment operators
- 6.5 ancillary workers
- 6.6 other occupations associated with the lifting activity

Performance criteria 4

Protection equipment and resources

K7 how to identify safety, health, welfare and environmental protection equipment and resources which meet the following project, organisational and statutory requirements:

- 7.1 lifting activity-specific safety, health, welfare and environmental legislation
- 7.2 recognised industry guidance and codes of practice
- 7.3 organisational procedures in relation to:
 - 7.3.1 protective clothing
 - 7.3.2 protective equipment
 - 7.3.3 first aid facilities and arrangements
 - 7.3.4 welfare facilities
 - 7.3.5 storage and security materials and equipment
 - 7.3.6 environmental protection arrangements

Performance criteria 5

Implementing systems

K8 how to establish and implement systems which meet organisational and statutory requirements for identifying hazards, reducing risks, reporting incidents and near misses with lessons learned to prevent recurrence in relation to the following:

- 8.1 lifting activity specific safety, health, welfare and environmental legislation
- 8.2 recognised industry codes of practice
- 8.3 organisational procedures

Performance criteria 6

Reviewing lifting activities

K9 how to review completed lifting activities and identify where improvements can be made in relation to the following types of lifting activity:

- 9.1 freely suspended loads
- 9.2 above ground operations
- 9.3 below ground operations
- 9.4 lifting of persons
- 9.5 dismantling operations
- 9.6 excess-height lifts
- 9.7 multiple lifting
- 9.8 pick-and-carry
- 9.9 loads where the operator does not have clear sight of the load
- 9.10 loading and unloading

Performance criteria 7

Environmental factors

K10 how and why you need to assess the significance of environmental factors affecting the lifting operation and how to take appropriate action in relation to the following factors:

- 10.1 ecological
- 10.2 nature conservation
- 10.3 noise or nuisance
- 10.4 emissions and contamination to land, air and water
- 10.5 economic and social
- 10.6 traffic and people management
- 10.7 waste management and recycling
- 10.8 weather
- 10.9 Wind effects, Vortices, building shielding

K11 how to identify the environmental protection requirements and their significance on the lifting operation in relation to the following:

- 11.1 legislation and regulations
- 11.2 national, regional and local Government
- 11.3 conservation councils, trusts and bodies
- 11.4 industry sustainability and good practices initiatives
- 11.5 local initiatives
- 11.6 voluntary organisations

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