

COSVR723 - SQA Unit Code F3DX 04

Supervise demolition activities



Overview

This standard is about

- 1 monitoring demolition activities by pre-work and progress checks
- 2 controlling necessary resources
- 3 identifying problems and implementing corrective action

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Performance criteria

- You must be able to:*
- P1 carry out the supervision of demolition site activities 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 and implement corrective action which conforms to safe working methods and practices
 - P4 conduct pre-work checks to meet statutory requirements and maintain safe working methods and practices
 - P5 keep accurate records of work progress checks, faults, problems, corrective action and quantities involved
 - P6 identify, assess and maintain the necessary resources for demolition activities

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Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Carry out demolition

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

Performance Criteria 2

Observe legislation and guidelines

You need to know and understand:

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

Performance Criteria 3

Identify and assess faults and problems

You need to know and understand:

- K6 common demolition **faults and problems**
- K7 how to assess **faults and problems**
- K8 how to make recommendations and implement **corrective action** for **faults and problems**

Performance Criteria 4

Conduct pre-work checks

You need to know and understand:

- K9 how to conduct pre-work **demolition checks** in order to meet **statutory requirements**
- K10 how to record pre-work **demolition checks**
- K11 why you need to conduct pre-work **demolition checks**

Performance Criteria 5

Keep accurate records

You need to know and understand:

- K12 how to keep accurate records of work progress **demolition checks** including **faults, problems, corrective action** and quantities used
- K13 why accurate records are needed

Performance Criteria 6

Identify, assess and maintain resources

You need to know and understand:

- K14 how to identify the necessary **resources** for **demolition activities**
- K15 how to assess the quality of **resources** for **demolition activities**
- K16 how to maintain the necessary **resources** for **demolition activities**

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Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 records of programmes for at least two of the following demolition activities
 - 1.1 soft strip
 - 1.2 mechanical demolition
 - 1.3 remote mechanical demolition
 - 1.4 explosive demolition
 - 1.5 selective demolition

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 tools
 - 2.4 safe use and storage of materials
 - 2.5 traffic management
 - 2.6 emergency plans

Performance Criteria 3

- 3 records of dealing with at least three of the following demolition faults and problems
 - 3.1 limitations of design choices
 - 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

Performance Criteria 4

- 4 records of checks for at least one of the following
 - 4.1 condition
 - 4.2 fit for purpose
 - 4.3 health and safety

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Performance Criteria 5

- 5 records of work progress checks detailing faults, problems, corrective actions taken and quantities involved

Performance Criteria 6

- 6 records of the acquisition and maintenance for at least three of the following resources for at least two of the following demolition activities
 - 6.1 resources: people; plant, equipment or machinery; materials and components; sub-contractors; information; work and facilities; waste management; utility providers
 - 6.2 demolition activities: soft strip; mechanical demolition; remote mechanical demolition; explosive demolition; selective demolition

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Scope/range related to knowledge and understanding

Corrective action

- 1 redesign
- 2 reconfigure
- 3 restrict
- 4 reposition
- 5 repair
- 6 replace
- 7 clean

Demolition activities

- 8 soft strip
- 9 mechanical demolition
- 10 remote mechanical demolition
- 11 explosive demolition
- 12 selective demolition

Demolition checks

- 13 condition
- 14 fit for purpose
- 15 health and safety

Faults and problems

- 16 limitations of design choices
- 17 construction errors
- 18 identification of further utilities
- 19 heritage concerns
- 20 environmental concerns
- 21 incorrect maintenance
- 22 identification of hazardous materials
- 23 breaches of security

People

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

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Resources

- 30 people
- 31 plant, equipment or machinery
- 32 materials and components
- 33 sub-contractors
- 34 information
- 35 work area and facilities
- 36 waste management
- 37 utility providers

Statutory requirements

- 38 test
- 39 examination
- 40 inspection
- 41 certification

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