

COSVR721 - SQA Unit Code F3E0 04

Supervise historical conservation/restoration activities



Overview

This standard is about

- 1 monitoring historical conservation/restoration 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 supervision 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 defects and problems, and recommend and implement corrective action which conforms to safe working methods and practices
 - P4 keep accurate records of work progress checks, defects, problems, corrective action and quantities involved
 - P5 identify, assess and maintain the necessary resources for historical conservation/restoration activities

Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Supervise activities

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

Performance Criteria 2

Observe legislation and guidelines

You need to know and understand:

- K5 what current legislation and official guidance applies directly to historical conservation/restoration **activities**

Performance Criteria 3

Identify and assess defects and problems

You need to know and understand:

- K6 common historical conservation/ restoration **defects and problems**
- K7 how to assess historical conservation/ restoration **defects and problems**
- K8 how to make recommendations and implement historical conservation/ restoration **corrective action** for **defects and problems**

Performance Criteria 4

Keep accurate records

You need to know and understand:

- K9 how to keep accurate records of work progress by conducting checks for **defects and problems**, **corrective action** taken and quantities of **resources** used
- K10 why accurate records are needed

Performance Criteria 5

Identify, assess and maintain resources

You need to know and understand:

- K11 how to identify the necessary **resources** for historical conservation/restoration **activities**
- K12 how to assess the quality of **resources** for historical conservation/restoration **activities**
- K13 how to maintain the necessary **resources** for historical conservation/restoration **activities**

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 records of programmes for at least two of the following historical conservation/restoration activities
 - 1.1 roofing
 - 1.2 lead work
 - 1.3 bricklaying and craft masonry
 - 1.4 earth walling
 - 1.5 stonemasonry
 - 1.6 decoration
 - 1.7 plastering
 - 1.8 wall and floor tiling
 - 1.9 carpentry and joinery
 - 1.10 specialist heritage activities

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 historical conservation/restoration defects 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 work progress checks detailing defects, problems, corrective actions taken and quantities involved

Performance Criteria 5

- 5 records of the acquisition and maintenance for at least four of the following resources for at least three of the following historical conservation/restoration activities
 - 5.1 resources: people; plant, equipment or machinery; materials and components; sub-contractors; information; work and facilities; waste management; utility providers
 - 5.2 historical conservation/restoration activities: roofing; lead work; bricklaying and craft masonry; earth walling; stonemasonry; decoration; plastering; wall and floor tiling; carpentry and joinery; specialist heritage and historical conservation/restoration activities

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Scope/range related to knowledge and understanding

Activities

- 1 roofing
- 2 lead work
- 3 bricklaying and craft masonry
- 4 earth walling
- 5 stonemasonry
- 6 decoration
- 7 plastering
- 8 wall and floor tiling
- 9 carpentry and joinery
- 10 specialist heritage activities

Corrective action

- 11 redesign
- 12 reconfigure
- 13 restrict
- 14 replicate
- 15 repair
- 16 replace
- 17 clean

Defects and problems

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

People

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

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Resources

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

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