

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing



---

### Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting tools and equipment
- 4 assessing the area for repair and/or resurfacing and selecting a suitable repair method

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing

---

### Performance criteria

- You must be able to:*
- P1 interpret the given information relating to the work and resources to confirm its relevance
  - P2 comply with the given, relevant legislation and official guidance to carry out your work and maintain safe work practices
  - P3 select the required quantity and quality of resources for the methods of work
  - P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
  - P5 comply with the given contract information to carry out the work efficiently to the required specification
  - P6 complete the work within the allocated time, in accordance with the programme of work

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing

---

### Knowledge and understanding

*You need to know and understand:*

#### Performance Criteria 1

##### Interpretation of information

- 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

##### Safe work practices

*You need to know and understand:*

- K4 the level of understanding operatives must have of **information** for relevant, current **legislation and official guidance** and how it is applied
- K5 how **emergencies** should be responded to and who should respond
- K6 the organisational **security procedures** for tools, equipment and personal belongings
- K7 what the accident reporting procedures are and who is responsible for making the report
- K8 why and when **personal protective equipment (PPE)** should be used

#### Performance Criteria 3

##### Selection of resources

*You need to know and understand:*

- K9 the characteristics, quality, uses, sustainability, limitations and defects associated with the **resources** and how defects should be rectified
- K10 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K11 the organisational procedures to select **resources**, why they have been developed and how they are used
- K12 the **hazards** associated with the **resources** and **methods of work** and how they are overcome

#### Performance Criteria 4

##### Minimise the risk of damage

*You need to know and understand:*

- K13 how to **protect work** from damage and the purpose of protection
- K14 why **disposal of waste** should be carried out safely and how it is achieved

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing

---

*You need to know and understand:*

### **Performance Criteria 5**

#### **Meet the contract specification**

- K15 how **methods of work**, to meet the specification, are carried out and **problems** reported
- K16 how **maintenance** of tools and equipment is carried out

*You need to know and understand:*

### **Performance Criteria 6**

#### **Allocated time**

- K17 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing

### Additional Information

#### Scope/range related to performance criteria

#### Performance Criteria 1

- 1 interpretation of drawings, specifications, schedules and manufacturers' information related to the work to be carried out

#### Performance Criteria 2

- 2 Avoidance of risk by following the given information relating to at least one of the following
  - 2.1 methods of work
  - 2.2 safe use of personal protective equipment (PPE)
  - 2.3 safe use of access equipment
  - 2.4 safe use and storage of tools and equipment

#### Performance Criteria 3

- 3 selection of resources associated with own work
  - 3.1 tools and equipment

#### Performance Criteria 4

- 4 protection of the work and its surrounding area from damage
- 5 minimise damage and maintain a clean work space

#### Performance Criteria 5

- 6 demonstration of work skills to measure, mark out and report
- 7 use and maintain hand tools and ancillary equipment
- 8 assess the area for repair and/or resurfacing and select the repair method to given working instructions, including
  - 8.1 suitable preparation method
  - 8.2 type of application and required materials for repair/finishing
  - 8.3 suitable repair/resurfacing method

#### Performance Criteria 6

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

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing

---

### Scope/range related to knowledge and understanding

#### **Emergencies**

- 1 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
  - 1.1 fires, spillages, injuries

#### **Hazards**

- 2 those identified by risk assessment, method of work, manufacturers' technical information, statutory regulations and official guidance

#### **Information**

- 3 drawings, specifications, schedules, method statements, manufacturers' information and regulations governing buildings

#### **Legislation and official guidance**

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

#### **Maintenance**

- 5 operative care of hand tools and ancillary equipment

#### **Methods of work**

- 6 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
  - 6.1 assess the area and select the most suitable repair and/or resurfacing method
  - 6.2 identify and select the correct preparation method
  - 6.3 identify and select the correct application method
  - 6.4 identify the different types of fillers, compounds and coatings suitable for the work
  - 6.5 determine the correct quantities of materials required for the work
  - 6.6 use hand tools and equipment
  - 6.7 work at height
  - 6.8 use access equipment
- 7 team work and communication
- 8 needs of other occupations associated with assessing areas for repair and resurfacing

#### **Personal protective equipment (PPE)**

- 9 occupational use, types, purpose of each type and work situations

#### **Problems**

- 10 those arising from information, resources and methods of work
  - 10.1 own authority to rectify
  - 10.2 organisational reporting procedures

# COSVR541 - SQA Unit Code HX6G 04

## Assess area for repair and resurfacing

---

### **Programme**

- 11 types of progress charts, timetables and estimated times
- 12 organisational procedures for reporting circumstances which will affect the work programme

### **Protect work**

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

### **Resources**

- 14 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
  - 14.1 reporting documentation
  - 14.2 access equipment
  - 14.3 hand tools and ancillary equipment
- 14 methods of calculating quantity, length, area and wastage associated with the method/procedure to assess areas for repair and resurfacing

### **Security procedures**

- 15 site, workplace, company and operative

## **COSVR541 - SQA Unit Code HX6G 04**

Assess area for repair and resurfacing

---

**Developed by** ConstructionSkills

---

**Version number** 1

---

**Date approved** December 2008

---

**Indicative review date** February 2014

---

**Validity** Current

---

**Status** Original

---

**Originating organisation** ConstructionSkills

---

**Original URN** VR541

---

**Relevant occupations** Construction Operatives

---

**Suite** Associated Industrial Services (Construction)

---

**Key words** Fillers; Compounds; Coatings; Repair-method