

# COSVR118

## Thatch roof structures



---

### Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 thatching the main roof casework and forming eaves, gables and ridges

# COSVR118

## Thatch roof structures

---

### 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

# COSVR118

## Thatch roof structures

---

### 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 the types of **fire extinguishers** and how and when they are used
- K6 how **emergencies** should be responded to and who should respond
- K7 the organisational **security procedures** for tools, equipment and personal belongings
- K8 what the accident reporting procedures are and who is responsible for making the report
- K9 why and when **personal protective equipment (PPE)** should be used

#### Performance Criteria 3

##### Selection of resources

*You need to know and understand:*

- K10 the characteristics, quality, uses, limitations and defects associated with the **resources** and how defects should be rectified
- K11 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K12 the organisational procedures to select **resources**, why they have been developed and how they are used
- K13 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:*

- K14 how to **protect work** from damage and the purpose of protection
- K15 why **disposal of waste** should be carried out safely and how it is achieved

# COSVR118

## Thatch roof structures

---

*You need to know and understand:*

### **Performance Criteria 5**

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

- K16 how **methods of work**, to meet the specification, are carried out and **problems** reported
- K17 how **maintenance** of tools and equipment is carried out

*You need to know and understand:*

### **Performance Criteria 6**

#### **Allocated time**

- K18 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

# COSVR118

## Thatch roof structures

### 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 safe use of personal protective equipment (PPE) and access equipment to carry out the activity, in accordance with legislation and/or organisational requirements
- 3 safe use and storage of tools and equipment
- 4 safe use of fire extinguishers, as appropriate to the fire

##### Performance Criteria 3

- 5 selection of resources associated with own work
  - 5.1 materials, components and fixings
  - 5.2 tools and equipment

##### Performance Criteria 4

- 6 protection of the work and its surrounding area from damage
- 7 minimise damage and maintain a clean work space
- 8 disposal of waste in accordance with legislation

##### Performance Criteria 5

- 9 demonstration of work skills to measure, mark out, fit, finish, position and secure
- 10 use and maintain hand tools, portable power tools and ancillary equipment
- 11 thatch roof structures to given working instructions to provide a surface to prevent the penetration of water
  - 11.1 any one of the following: long straw, combed wheat reed, water reed, sedge grass, coppice materials, heather, marram, bent, bracken, rush, flax, turf or other specialist local materials
  - 11.2 forming main casework, eaves, gables and ridge work

##### Performance Criteria 6

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

# COSVR118

## Thatch roof structures

### Scope/range related to knowledge and understanding

#### **Disposal of waste**

- 1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

#### **Emergencies**

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

#### **Fire extinguishers**

- 3 water, CO<sub>2</sub>, foam, powder and their uses

#### **Hazards**

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

#### **Information**

- 5 drawings, specifications, schedules, manufacturers' information and regulations governing buildings

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

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

#### **Maintenance**

- 7 operative care of hand tools and/or portable power tools and ancillary equipment

#### **Methods of work**

- 8 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
  - 8.1 thatch roofs with: long straw, combed wheat reed, water reed, sedge grass, coppice materials, heather, marram, bent, bracken, rush, flax, turf
  - 8.2 use thatching materials to: form main casework, eaves, gables and ridge work
  - 8.3 form joins with other roofing materials and abutments
  - 8.4 use hand tools, power tools and equipment
  - 8.5 use access equipment
- 9 team work and communication
- 10 needs of other occupations associated with thatching

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

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

# COSVR118

## Thatch roof structures

---

### **Problems**

- 12 those arising from information, resources and methods of work
  - 12.1 own authority to rectify
  - 12.2 organisational reporting procedures

### **Programme**

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

### **Protect work**

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

### **Resources**

- 16 materials, components and equipment relating to types, quantity, quality and sizes of standard and/or specialist
  - 16.1 straw, reed, sedge grass, coppice materials, heather, marram, bent, bracken, rush, flax, turf netting, lead, mortar, fixings and ancillary items
  - 16.2 hand and/or powered tools and equipment
- 17 methods of calculating quantity, length, area and wastage associated with the method/procedure to thatch roof structures

### **Security procedures**

- 18 site, workplace, company and operative

# COSVR118

## Thatch roof structures

---

**Developed by** ConstructionSkills

---

**Version number** 1

---

**Date approved** September 2004

---

**Indicative review date** July 2015

---

**Validity** Current

---

**Status** Original

---

**Originating organisation** ConstructionSkills

---

**Original URN** VR118

---

**Relevant occupations** Roofers, Roof Tilers and Slaters

---

**Suite** Roofing Occupations (Construction); Heritage Skills (Construction)

---

**Key words** Thatching; Thatcher; Long straw; Combed wheat reed; Water reed, Sedge grass; coppice material; Heather; Marram; Bent; Bracken; Rush; Flax; Turf