<table>
<thead>
<tr>
<th>Overview</th>
<th>This standard is about</th>
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<tbody>
<tr>
<td>1</td>
<td>interpreting information</td>
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<tr>
<td>2</td>
<td>adopting safe and healthy working practices</td>
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<tr>
<td>3</td>
<td>selecting materials, components and equipment</td>
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<tr>
<td>4</td>
<td>thatching the main roof casework and forming eaves, gables and ridges</td>
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</tbody>
</table>
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
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
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
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
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
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

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
## 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
## Scope/range related to knowledge and understanding

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<tr>
<td><strong>Disposal of waste</strong></td>
<td>1 environmental responsibilities, organisational procedures, manufacturers’ information, statutory regulations and official guidance</td>
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</table>
| **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, CO₂, 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 |
| **Personal protective equipment (PPE)** | 9 team work and communication  
  10 needs of other occupations associated with thatching |
|   | 11 occupational use, types, purpose of each type and work situations |
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
**Developed by**  
ConstructionSkills

**Version number**  
1

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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