Overview

This standard is about

1. interpreting information
2. adopting safe and healthy working practices
3. selecting and preparing materials and associated equipment
4. providing protection to the work area
5. preparing surfaces in readiness to receive decorative/protective finishes in industrial and/or non-industrial situations
COSVR332 - SQA Unit Code F283 04
Prepare surfaces for painting/decorating

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 and healthy 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:**

<table>
<thead>
<tr>
<th>Performance Criteria 1</th>
<th>Interpretation of information</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1</td>
<td>the organisational procedures developed to report and rectify inappropriate information and unsuitable resources, and how they are implemented</td>
</tr>
<tr>
<td>K2</td>
<td>the types of information, their source and how they are interpreted</td>
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<tr>
<td>K3</td>
<td>the organisational procedures to solve problems with the information and why it is important they are followed</td>
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</tbody>
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**Performance Criteria 2**

**Safe work practices**

<table>
<thead>
<tr>
<th>You need to know and understand:</th>
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<tbody>
<tr>
<td>K4</td>
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<tr>
<td>K5</td>
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<td>K6</td>
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<td>K7</td>
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<tr>
<td>K8</td>
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</tbody>
</table>

**Performance Criteria 3**

**Selection of resources**

<table>
<thead>
<tr>
<th>You need to know and understand:</th>
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<tbody>
<tr>
<td>K9</td>
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<tr>
<td>K10</td>
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<tr>
<td>K11</td>
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<tr>
<td>K12</td>
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</tbody>
</table>
You need to know and understand:

<table>
<thead>
<tr>
<th>Performance Criteria 4</th>
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</thead>
<tbody>
<tr>
<td>Minimise the risk of damage</td>
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</table>

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

You need to know and understand:

<table>
<thead>
<tr>
<th>Performance Criteria 5</th>
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<tbody>
<tr>
<td>Meet the contract specification</td>
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</table>

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:

<table>
<thead>
<tr>
<th>Performance Criteria 6</th>
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<tbody>
<tr>
<td>Allocated time</td>
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</table>

K17 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 specifications, current regulations, risk assessments, method statements and manufacturers' information related to the work to be carried out

Performance Criteria 2
2 avoidance of risk by complying with the given information relating to the following
   2.1 methods of work
   2.2 safe use of health and safety control equipment
   2.3 safe use of access equipment
   2.4 safe use and storage of materials, tools and equipment
   2.5 specific risks to health

Performance Criteria 3
3 selection of resources associated with own work
   3.1 materials
   3.2 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
6 disposal of waste in accordance with legislation

Performance Criteria 5
7 demonstration of work skills to wash, strip/scrape, abrade and key, mix, fill, level/flatten and brush-down
8 use and maintain tools and associated equipment
9 prepare, prime and seal exterior and/or interior surfaces for industrial and/or non-industrial situations to given working instructions for the following
   9.1 bare substrates and previously painted/decorated surfaces in sound condition and featuring surface defects
   9.2 existing covering/material requiring removal

Performance Criteria 6
10 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client
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
    2.2 emergencies relating to occupational activities

Hazards
3 those identified by risk assessment, method of work, manufacturers’
    technical information, statutory regulations and official guidance

Health and safety control equipment
4 identified by the principles of protection for occupational use, types and
    purpose of each type, work situations and general work environment
    4.1 collective protective measures
    4.2 personal protective equipment (PPE)
    4.3 respiratory protective equipment (RPE)
    4.4 local exhaust ventilation (LEV)

Information
5 specifications, current legislation, risk assessments, method statements
    and manufacturers' information

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

Maintenance
7 operative care of hand tools and/or power tools and associated equipment
Prepare surfaces for painting/decorating

Methods of work

8  application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to:
   8.1 establish access requirements
   8.2 check suitability of previously prepared surfaces
   8.3 prepare bare, untreated substrates
   8.4 prepare previously treated surfaces in sound condition
   8.5 prepare previously treated surfaces with defects
   8.6 remove surface contamination
   8.7 remove toxic/hazardous materials from surfaces
   8.8 remove existing painted and/or hung wall coverings
   8.9 remove defective materials from timber, brick/stone/concrete, plaster, metal
   8.10 fill, level and abrade surfaces
   8.11 apply primer and sealers to bare substrates
   8.12 apply special preparatory treatments to prepared surfaces
   8.13 work around electrical fittings and pipework
   8.14 use access equipment
   8.15 use hand tools, power tools and associated equipment

9  team work and communication

10  needs of other occupations associated with preparing surfaces for painting/decorating

Problems

11  those arising from information, resources and methods of work
   11.1  own authority to rectify
   11.2  organisational reporting procedures

Programme

12  types of progress charts, timetables and estimated times

13  organisational procedures for reporting circumstances which will affect the work programme

Protect work

14  protect work against damage from general workplace activities, other occupations and adverse weather conditions
Resources
15 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist:
15.1 protective sheets and masking materials
15.2 degreasing agents for the removal of contaminates
15.3 cleaning agents
15.4 paint stripping materials and equipment
15.5 fillers (single and two pack)
15.6 abrasives
15.7 surface treatment materials
15.8 rubbish containers/bags
15.9 access equipment
15.10 hand and/or powered tools and associated equipment
16 methods of calculating quantity of materials associated with the method/procedure to prepare surfaces for painting/decorating

Security procedures
17 site, workplace, company and operative
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<th>ConstructionSkills</th>
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