

Overview

This standard is about repairing and resurfacing damaged areas by preparing and applying compound to prepared surfaces and finishing off the repaired surface area

This standard will involve interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, minimising damage, and working within the allocated time, in accordance with organisational requirements which are equal to or exceed current statutory and legislative requirements

This standard is for people working in the occupational area of Associated Industrial Services and can be used by operatives, supervisors and managers

Performance criteria

You must be able to:

P1 Interpretation of information

interpret information relating to the work and resources to confirm its relevance for the following:

- drawings
- specifications
- snag lists
- schedules
- risk assessments
- method statements
- manufacturers' information

P2 Safe work practices

comply with relevant legislation and official guidance to carry out the work and maintain safe and healthy work practices relating to the following:

- methods of work
- safe use of health and safety control equipment
- safe use of access equipment
- safe use, storage and handling of materials, tools and equipment
- specific risks to health
- specific risks associated with asbestos containing materials

P3 Selection of resources

select the required quantity and quality of the following resources for the methods of work:

- materials
- components and fixings
- tools and equipment

P4 Minimise the risk of damage

comply with organisational procedures to minimise the risk of damage to the work and surrounding area by:

- protecting the work and its surrounding area from damage
- maintaining a safe, clear and tidy work area
- disposing of waste in accordance with current legislation

P5 Approach to the work

complete the work in accordance with organisational procedures, the programme of work and to meet the needs of others and the client

P6 Meet the contract specification

comply with the given contract information to repair and resurface damaged areas efficiently to the required specification by:

- demonstrating work skills to:
 - mix
 - prepare
 - inspect
 - polish
 - blend
- using and maintaining hand tools and power tools and equipment
- preparing and applying filler and compound to repair area and finish off to correct profile to match existing surface, to working instructions, relating to:
 - texture
 - colour and hue
 - substrate and strength

Knowledge and understanding

You need to know and understand:

P1 Interpretation of information

K1 why organisational procedures have been developed and how they are implemented

K2 types of information, their source and how they are interpreted in relation to:

- drawings
- specifications
- schedules
- risk assessments
- method statements
- manufacturers' information
- current legislation and regulations governing buildings

K3 the importance of accurate information, and reporting and rectifying any concerns

K4 the range of relevant digital services, tools and systems, and how they are used

P2 Safe work practices

K5 information for relevant, current legislation and official guidance and how it is applied

K6 the types of fire extinguishers and how and when they are used in relation to water, CO₂, foam, powder

K7 how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to:

- fires, spillages, injuries
- emergencies relating to occupational activities
- identification of and reporting of asbestos containing materials

K8 the organisational security procedures for tools, equipment and personal belongings in relation to:

- operative
- site
- workplace

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- vehicles
- company
- customer
- the general public

K9 how to report risks and hazards identified by the following:

- methods of work
- risk assessment
- personal assessment
- manufacturers' technical information
- statutory regulations
- official guidance
- Control of Substances Hazardous to Health (COSHH)

K10 the accident reporting procedures and who is responsible for making the report

K11 why, when and how health and safety control equipment identified by the principles of prevention should be used in relation to:

- collective protective measures
- personal protective equipment (PPE)
- respiratory protective equipment (RPE)
- local exhaust ventilation (LEV)

K12 how to comply with environmentally responsible work practices to meet current legislation and official guidance

K13 the organisational procedures when dealing with potential accidents, health hazards and the environmental impact on site, and whilst working:

- below ground level
- in confined spaces
- at height
- with tools and equipment
- with materials and substances
- when moving and storing materials by manual handling and mechanical lifting

P3 Selection of resources

K14 why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified

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K15 the organisational procedures to select resources, why they have been developed and how they are used

K16 how to confirm the resources and materials conform with the specification

K17 how the resources should be used and how any problems associated with the resources are reported in relation to:

- compounds, fillers and coatings
- access equipment
- hand and power tools and equipment
- digital equipment

K18 how to identify the hazards associated with the resources and methods of work and how they are overcome

K19 methods of calculating the quantity, length and wastage associated with the method and procedure to repair and resurface damaged areas

P4 Minimise the risk of damage

K20 how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions

K21 how to minimise the damage to existing building fabric

K22 why and how the disposal of waste must be carried out safely in accordance with the following:

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

K23 why it is important to maintain a safe, clear and tidy work area

P5 Approach to the work

K24 the programme of work to be carried out including the estimated and allocated time and why deadlines should be kept

K25 the types of progress charts, timetables and estimated times and the

organisational procedures for reporting circumstances which will affect the work programme

P6 Meet the contract specification

K26 how to select and prepare appropriate materials

K27 how to apply compounds to repair area to horizontal and inclined surfaces

K28 how to finish applied compound to existing profiles and cure

K29 how to inspect and prepare for final coat and polishing

K30 how to apply finish to repaired or prepared area, using the appropriate method

K31 how to finish off the area ensuring the finish matches the existing area in terms of:

- colour and hue
- texture
- substrate
- strength

K32 how to polish the surface if required

K33 the importance of recognising the limits of your own authority

K34 the relevance of an assessment of significance

K35 how to recognise specific requirements for structures of special interest, traditional construction, hard-to-treat buildings and historical significance

K36 how to recognise and determine when specialist skills and knowledge are required and report accordingly

K37 how to identify and follow the quality requirements

K38 how to work with, around and in close proximity to plant and machinery

K39 how to work at height using access equipment

K40 how to use all hand and power tools and equipment

K41 how and why operative care and maintenance of all hand and power tools and

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equipment is carried out

K42 the importance of teamwork and communication

K43 the importance of mental health awareness and wellbeing

K44 the importance of applying fairness, inclusion and respect when dealing with others

K45 the needs of other occupations associated with repairing and resurfacing damaged areas

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