

COGSIGN14

Signage – carry out spray paint operations



Overview

This unit deals with the following:

1. Carry out spray paint operations

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

Previous Version: Unit 2.14 National Occupational Standards in Signmaking (CWP1)

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Performance criteria

- You must be able to:*
- P1 check and confirm that you have the correct work instructions and any relevant spray paint procedures and quality specifications
 - P2 ensure that you have the necessary resources for the spray paint operation, including suitable PPE (Personal Protective Equipment)
 - P3 confirm you have the required template shapes, measure and then position on the materials to be spray painted
 - P4 carry out the relevant preparation technique and ensure that the substrate is suitably prepared to receive subsequent treatments and coatings
 - P5 carry out the spray paint operation according to work instructions and safe operating/ quality procedures
 - P6 ensure that the time left between treatments and coatings meets manufacturers' recommendations
 - P7 protect surfaces from damage using an accepted method
 - P8 report any problems promptly to the relevant personnel
 - P9 deal appropriately with spray painted products and complete any necessary documentation
 - P10 follow relevant health and safety and environmental requirements and legislation at all times

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Knowledge and understanding

You need to know and understand:

- K1 how to check that you have the correct work instructions and any relevant spray paint procedures and quality specification
- K2 how to ensure that you have the appropriate equipment, tools, materials, techniques and methods needed to complete the activity
- K3 how to obtain suitable PPE (Personal Protective Equipment)
- K4 how to use spray painting tools and equipment
- K5 how to use shapes accurately and draw them onto a suitable template material
- K6 how to use template materials appropriate for the work to be completed and what the consequences are of not using the appropriate template material
- K7 what specified positioning and quality tolerances are and why these are important
- K8 what preparation technique should be used
- K9 how and when to apply coatings
- K10 what are acceptable protection methods and when and how to use them
- K11 what problems may occur
- K12 what is the appropriate action to take if there are problems
- K13 who are the relevant personnel
- K14 how to deal appropriately with spray painted products
- K15 what documentation is necessary
- K16 what legislation and organisational codes of practice are relevant
- K17 what are the consequences of not following legislation and organisational requirements
- K18 what health and safety and environmental requirements and legislation are relevant and how to follow them
- K19 what are the consequences to you and to others of not following health and safety and environmental legislation

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Additional Information

Glossary

Types of Substrate

Porous, non porous

Types of Coatings

Pre-treatments, primers, intermediate coatings, finishing coatings

Masking Preparation Methods

Manual, automated

Types of Masking Materials

Rigid, flexible

Paint Preparation Technique

Stir, strain, decant, viscosity adjustment

Types of Protection Methods

Warning signs, coverings, buffers, paddings

Methods of Application

Air, airless, electrostatic, high volume/low pressure (HVLP)

Relevant Personnel

Line manager, supervisor, team leader etc.

Relevant Health and Safety and Environmental Requirements

What your responsibilities are in respect of health and safety and environmental requirements and legislation, regulations, safe working practices, local, national and organisational/site specific procedures

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Suite Signmaking

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