

COGSIGN15

Signage – carry out screen print operations



Overview

This unit deals with the following:

1. Carry out screen print 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 2.15 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 screen print procedures and quality specifications
 - P2 ensure that you have the necessary resources for the screen print operation, including suitable PPE (Personal Protective Equipment)
 - P3 carry out any relevant preparation technique
 - P4 position and secure devices and equipment and, when appropriate, set out materials to the specified tension without distortion
 - P5 carry out the screen print operation according to work instructions and safe operating/ quality procedures
 - P6 protect relevant surfaces from damage using an accepted method
 - P7 report any problems promptly to the relevant personnel
 - P8 deal appropriately with screen printed products and complete any necessary documentation
 - P9 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 screen print procedures and quality specification
- K2 how to ensure that you have the appropriate equipment, tools, materials, techniques and methods needed to complete the activity, to include organic and non-organic mesh stencil equipment
- K3 how to obtain suitable PPE (Personal Protective Equipment), including equipment to protect the respiratory system
- K4 how to use screen printing tools and equipment
- K5 what the specified positioning and quality tolerances are and why these are important
- K6 what different types of positioning and securing devices and equipment are used for
- K7 how to use positioning and securing devices and equipment
- K8 what is the relevant preparation technique to use
- K9 what are acceptable protection methods and when and how to use them
- K10 what problems may occur
- K11 what is the appropriate action to take if there are problems
- K12 who are the relevant personnel
- K13 how to deal appropriately with screen printed products
- K14 what documentation is necessary
- K15 what legislation and organisational codes of practice are relevant
- K16 what are the consequences of not following legislation and organisational requirements
- K17 what health and safety and environmental requirements and legislation are relevant and how to follow them
- K18 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 Inks

Water based, solvent based, spirit based Methods of Application

Manual, automated

Methods of Application

Manual, automated

Types of Protection Methods

Warning signs, coverings, buffers, paddings

Positioning and Securing Methods

Vacuum, jigs, clamps, fixing materials

Stencil Preparation Techniques

Hand, photographic, light sensitive films

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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