

COGSIGN18

Carry out installation operation for signage operations



Overview

This unit deals with the following:

1. Erect sign supporting structures
2. Assemble and secure sign products
3. Configure installed structure for use

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

Previous Version: Unit 2.18 National Occupational Standards in Signmaking (CWP1)

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Performance criteria

- You must be able to:*
- P1 obtain and interpret work instructions within the limits of your responsibility to establish requirements
 - P2 when required obtain and select appropriate PPE (Personal Protective Equipment)
 - P3 use suitable positioning and securing devices correctly according to manufacturers' instructions
 - P4 handle supporting structures safely to prevent damage and maintain the safety of the individual, colleagues and the public
 - P5 check that preliminary positioning, where used, is accurate and secure using suitable fastening and fixing methods and materials
 - P6 use the appropriate erection equipment and techniques in line with relevant Health and Safety requirements
 - P7 ensure that dimensions and positioning of sign supporting structures are accurate, within specified tolerances and the fixing methods and materials are appropriate for the sign product to be installed
 - P8 check that supporting structures forming part of the sign product are clean, free from marks, scratches, chips and dust, within specified tolerances
 - P9 remove and dispose of waste materials safely using an approved method
 - P10 deal promptly with problems that are your responsibility and report those that you cannot solve and/or are not your responsibility to the relevant person
 - P11 follow relevant health and safety and environmental requirements and legislation at all times
 - P12 interpret work instructions to establish the construction of the finished assembled product
 - P13 confirm resources are available and suitable to assemble the product to the specified requirements
 - P14 ensure that approved positioning and securing devices are positioned and secured and are used correctly and safely in line with manufacturers' instructions
 - P15 handle materials to be assembled safely to prevent damage and maintain the safety of the individual, colleagues and the public
 - P16 use the appropriate assembly equipment and technique according to health and safety requirements
 - P17 ensure the positioning of material is accurate and secure, using the appropriate fastening and fixing method and materials
 - P18 check that dimensions and positioning of materials to be assembled are accurate and within specified tolerances
 - P19 check that visible parts of assembled products are clean, free from marks, scratches, chips and dust, within specified tolerances

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- P20 interpret work instructions to establish optimum configuration for the required operating parameters of the installed product
- P21 confirm that the equipment, tools, materials, techniques and methods are appropriate for configuration
- P22 ensure that equipment and components are brought up to operating levels in a sequence which is safe and optimises the integration of the installation
- P23 achieve the required configuration within agreed timescales

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Knowledge and understanding

You need to know and understand:

- K1 how to interpret specification and establish requirements, types of positioning and securing devices and equipment and how they are used
- K2 how to handle materials safely
- K3 when and how to obtain and select appropriate PPE (Personal Protective Equipment)
- K4 how to identify and determine the appropriateness of PPE (Personal Protective Equipment) for work activities, to include equipment to protect head, trunk, hands and feet
- K5 what are suitable installation tools and equipment and how to use them
- K6 how to determine which tools and equipment to use for given jobs
- K7 what are appropriate installation methods and techniques for given jobs and how to carry them out
- K8 what the specified tolerances are and why these are important
- K9 what appropriate preparation techniques could be used and selected for a given job
- K10 what is regarded as waste and how to remove it
- K11 how to use and store tools and equipment
- K12 what causes damage to products and how to prevent this
- K13 who are the relevant personnel
- K14 what problems may occur
- K15 what is the appropriate action to take if there are problems
- 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
- K20 how to interpret work instructions and establish requirements
- K21 how to select appropriate resources i.e., equipment, tools, materials, techniques, methods, personnel and time to assemble and secure sign products
- K22 types of positioning and securing devices and equipment and how they are used
- K23 how to handle materials safely
- K24 what are suitable assembly methods and how to carry them out
- K25 how to use tools and equipment for given jobs
- K26 how to determine fastening and fixing methods and how to carry them out

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Additional Information

Glossary

Types of Positioning and Securing Devices

Jigs, clamps, hoists, lifts, portable towers, ladders, access equipment

Types of Products and Materials

Metal, wood, composite boards, plastics, vinyl, glass, fabric

Types of Tools

Cutting, boring, assembling, bending, heat generating, holding

Types of Assembly Equipment

Jigs, clamps

Types of Installation

Illuminated and/or non illuminated

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, including CSCS (Construction Skills Certification Scheme) requirements when appropriate

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Suite Signmaking

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