

PROFFI245

Survey a location for the placement of furniture components



Overview

This standard addresses the competence required to assess, measure and record relevant information for the fitting and fixing of furniture components.

This involves:

- 1 taking measurements and other relevant data of the location
- 2 sketching elevation and plan views
- 3 working in ways which maintain your own and others' safety

There is also a scope statement which defines the coverage of this standard.

Survey a location for the placement of furniture components

Performance criteria

Obtain survey information

You must be able to:

- P1 check that you have the required tools, equipment and materials to achieve the **specification**
- P2 determine the working space and/or safety parameters required by existing opening **components** which may include doors, windows, draws and appliances
- P3 carry out suitable checks to confirm accuracy of measurement
- P4 determine the material used in the construction of **structural components** as appropriate to the **placement** requirements of the installation
- P5 determine the condition of the walls, floors, ceilings and components as appropriate to the **placement** requirements of the installation
- P6 seek expert assistance on any aspects of the information you obtain which require clarification
- P7 where appropriate, determine site access conditions to ensure successful delivery and **placement** of furniture, fixtures and fittings
- P8 where appropriate, determine site conditions to ensure disposal of waste in accordance with current legislation
- P9 where appropriate, determine the site conditions so that the provision of suitable and adequate working space for the **placement** can be arranged
- P10 where appropriate, determine site conditions so that adequate storage of **furniture components**, fixtures and fittings for the **placement** can be arranged
- P11 comply with current health and safety legislation

Record dimensional and structural information

You must be able to:

- P12 produce a **representational image** which records the appropriate and accurate measurements of the **location** for the placement of **furniture components**
- P13 record the working space and/or safety parameters required by existing **opening or moving components** which may include doors, windows, drawers and appliances.
- P14 record the type of building fabric which the **furniture component** will be fixed to
- P15 record the condition of the building fabric
- P16 where appropriate, record site access features and conditions to ensure successful delivery and placement of furniture, fixtures and fittings
- P17 where appropriate, record site conditions so that provision for the disposal of waste in accordance with current legislation can be arranged
- P18 where appropriate, record site conditions so that the provision of suitable and adequate working space for the **placement** can be arranged
- P19 where appropriate, record site/location conditions so that suitable and adequate storage of furniture, fixtures and fittings can be arranged
- P20 comply with current health and safety legislation

Survey a location for the placement of furniture components

P21 record relevant potential problems associated with the design and installation

Survey a location for the placement of furniture components

Knowledge and understanding

You need to know and understand:

Obtain survey information

- K1 why it is important to ensure that measuring tools and equipment produce accurate recordings
- K2 how to care for measuring equipment and tools
- K3 what location features are likely to determine the critical points of measurement
- K4 how uneven structural components/ surfaces might affect the points of measurement
- K5 how to identify which existing opening or moving components are likely to impact upon the final design
- K6 ways of determining the type of background material/ cavity to enable the placement of the furniture component
- K7 when the poor condition of a background may affect the placement of the furniture component
- K8 what features of a location might affect access and storage of furniture components
- K9 your personal responsibilities towards health and safety whilst carrying out a survey

You need to know and understand:

Record dimensional and structural information

- K10 how to keep sketches in proportion
- K11 what features are shown on: a plan view, an elevation
- K12 the importance of referencing records/sketches: title, job number, revision number
- K13 the symbols, shading, hatching, abbreviations etc conventions used by the organisation within specifications to convey information on components and materials
- K14 the importance of accurate, unambiguous detailing and recording
- K15 why it is necessary to record the space taken up by some existing opening or moving components such as windows, doors, drawers etc
- K16 ways of recording the type of background material/ cavity to enable the placement of the furniture component
- K17 how to record/highlight the poor condition of a background which may affect the placement of the furniture component
- K18 how to record/highlight features of a location which might affect access and storage of furniture components
- K19 what features of a location might affect working space and the disposal of waste during the placement of furniture components
- K20 your personal responsibilities towards health and safety whilst carrying out a survey

Survey a location for the placement of furniture components

Additional Information

Scope

Structural Components

May include walls, floors, windows, doors, columns, beams.

Furniture Components

Such as unit carcasses, frameworks, assembled units, shutters, blinds and fascias.

Location

The location is any interior used for domestic, commercial, industrial and public purposes.

Problems and faults

Problems and faults may occur with any aspect of the materials, tools, equipment, components, services, appliances or the location.

Solving them may require direct action by the individual carrying out the work, reference to an authority within the organisation and/or action by the customer, or some combination of all three.

Information / Specification

The specification for the assembly and placement of furniture will have been agreed between the organisation and the customer. It may be written and/or involve drawings and work lists. It will typically detail:

- 1 the exact location within the customer's property where the furniture is to be placed
- 2 the dimensions, construction and finishing of the furniture
- 3 resource requirements
- 4 time schedule

Placement

The final positioning and fixing of the component

Representational image

A drawing or sketch of the location which is not necessarily to scale but which is proportional and legible to another user. The image will be unambiguous and clear and may show:

- 1 dimensions which may include: length, breadth, thickness, height, depth and radius of the building features and fabric
- 2 dimensions of components: walls, floors, columns, ceiling and window board heights, window reveals
- 3 the extent of constructional error such as level, plumb, bows, hollows
- 4 dimensions, location and identification of the existing utilities/services
- 5 the dimensions, handing and opening requirements of existing doors, drawers, windows etc which will impact upon the final placement and location of the furniture component
- 6 the type of background material the furniture component will be secured to, such as: brick, concrete, wood, steel, plasterboard, cavity, etc
- 7 the condition of the background material the furniture component will be secured to which will impact upon the final fixing requirements of the furniture component

PROFFI245

Survey a location for the placement of furniture components

Developed by Proskills

Version number 1

Date approved April 2008

Indicative review date April 2013

Validity Current

Status Original

Originating organisation Proskills

Original URN 245

Relevant occupations Paper and wood machine operatives; Furniture maker and other craft woodworkers; Upholsterers; Labourers build and woodworking trades

Suite Furniture, Furnishings and Interiors

Key words Contemporary Furniture Making; Traditional Furniture Making; Bed Making; Frame Making; Component Manufacture; Veneering; Modern Upholstery; Traditional Upholstery; Soft Furnishing; Cutting; Sewing; Hand Finishing;