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**Overview**

This standard addresses the competence required to attach fittings to production furniture wooden furniture. This involves:

- 1 checking and preparing fittings against specifications
- 2 attach the fitting to match specifications
- 3 working in ways which maintain your own and others' safety

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**Performance**

**criteria**

- You must be able to:
- P1 check that you have the required tools, equipment and fitting to achieve the work specification
  - P2 check that the fittings to be used conform to the specification
  - P3 replace and discard any fittings which are of unacceptable quality
  - P4 position the fittings for correctness of fit within the required tolerances
  - P5 ensure that surfaces to which the fittings are to be attached are in a suitable condition
  - P6 securely attach the fittings using the required method
  - P7 follow safe working procedures when setting up and operating powered equipment
  - P8 follow health and safety procedures when handling adhesives
  - P9 complete the preparations within the required time
  - P10 accurately check the doors, falls and drawers against the specification and reject any which are damaged or of incorrect appearance
  - P11 check and confirm that doors, falls and drawers fit to within the specified tolerances for alignment and movement
  - P12 make good any fitting faults which need to be dealt with for the specified quality to be achieved
  - P13 complete the fitting within the required time
  - P14 accurately complete quality checks and confirm that they have been met before passing on the work

## Knowledge and understanding

### You need to know and understand:

- K1 the meaning of terms used in technical specifications for furniture fittings
- K2 the different types of fittings used in furniture production and their purpose
- K3 the quality checks to be made before fittings are used and the consequences of not doing these
- K4 what the consequences are of incorrect positioning of furniture fittings
- K5 what the consequences are of not securing furniture fittings correctly
- K6 when and why different methods for attaching furniture fittings are used
- K7 the functions and uses of the different types of equipment used in furniture assembly
- K8 how to handle powered tools safely in ways that protect yourself and others from risk
- K9 the implications for your work of the relevant regulations, including where to find out about relevant risk assessment and control measures that have been set by your organisation
- K10 how to dispose of waste in accordance with current legislation
- K11 the meaning of terms used in technical specifications re fitting furniture doors, falls and drawers
- K12 the handling characteristics of natural timber and wood composites and how these affect the fitting of doors, falls and drawers and the making good of fitting faults
- K13 what to look for when checking that doors, falls and drawers match a specification
- K14 why it is important to check that fit tolerances are met
- K15 why it is important to use the correct techniques and equipment for filing, sanding, scraping, drilling and boring of natural woods and wood composites to make good any fitting faults
- K16 what level of fitting fault can be made good immediately and when to reject and report a fault
- K17 work rates that you are expected to meet
- K18 what quality checks are required

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## Additional information

### Scope

#### **Equipment and tools**

The hand operated and machine equipment used within furniture making environments for sanding, scraping, filing drilling, boring, stapling, pinning, screwing, cramping/pressing, gauging and removing faults in wooden components.

#### **Fittings**

Hinges, mouldings, handles, runners, stops, locks, castors, catches, brackets, action mechanisms, pre-cut glassware.

#### **Fitting method**

Fittings are attached by screwing or pinning, or combinations of these.

#### **Specification**

The set of instructions which describe the work to be carried out, including details of the qualities (type, size, number) of the fittings to be used, the fitting methods to be used and the fitting tolerances to be achieved. The specification will also detail the time within which the work must be completed. In the context of these standards, tolerances for fittings to within +/- 0.5mm would be expected, and tolerances of within +/- 0.5mm for doors, falls and drawers.

#### **Doors, falls and drawers**

These may be made of natural timber or wood composites

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