Title	Assemble solid wood show wood shelving units		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate and apply knowledge of preparing to assemble; and assemble, solid wood show wood shelving units.

Classification	Furniture > Furniture and Cabinet Making

Available grade	Achieved

Guidance Information

1   Assessment information
     This unit standard may be assessed against on-job or off-job.
     All activities and performance criteria must be carried out in accordance with worksite policies and procedures.

2   Personal protective equipment, appropriate to job requirements, must be selected and used in accordance with manufacturer's instructions.

3   Definitions
     Manufacturer's instructions are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.
     MSDS refers to Material Safety Data Sheets which are documents containing information on toxic substances used in the worksite. It is a requirement of the Environmental Risk Management Authority that all worksites using toxic substances have an MSDS.
     Worksite policies and procedures refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions.

Outcomes and performance criteria

Outcome 1

Demonstrate and apply knowledge of preparing to assemble solid wood show wood shelving units.

Performance criteria

1.1   Job specifications are obtained and interpreted.

        Range   unit size, type of material, joint construction, number of units.

1.2   Equipment for the job is selected and confirmed as being in safe working order in accordance with manufacturer's instructions.

1.3   Types of joint construction used in solid wood shelving are sketched and the advantages and disadvantages of each are explained.

        Range   housing, dowel.

1.4   Shelving components are obtained in accordance with job specifications.

1.5   Adhesives are selected in accordance with job specifications.

1.6   Safety considerations related to the use of selected adhesive are explained in accordance with MSDS.

Outcome 2

Assemble solid wood show wood shelving units.

Performance criteria

2.1   Selected components are laid out in sequence ready for assembly in accordance with job specifications.

2.2   Carcase unit is assembled in accordance with job specifications.

        Range   square, true, free of defects.

2.3   Cramping equipment is used to cramp the carcase together in accordance with manufacturer's instructions and job specifications.

        Range   even pressure, cramping time, protective cover between panel timber and cramp where required.

2.4   Shelves are fitted to the carcase in accordance with job specifications.

        Range   level.

2.5   Assembled shelving units are cleaned up in accordance with job specifications.

        Range   free of dust, free of glue marks, arris.

2.6   Work area is made clean, clear, and safe.

Planned review date	31 December 2024

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 2009	31 December 2011
Revision	2	17 September 2010	N/A
Review	3	10 December 2020	N/A

Accreditation and Moderation Action Plan (AMAP) reference	0173

This AMAP can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.