

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

**Hanover House
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NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number- 0065609 -Session-1986-87
-Superclass- WK
-Title- BASIC VENEERING TECHNIQUES AND PROCESSES

-DESCRIPTION-

Type and Purpose A specialist module to enable the student to develop basic veneering skills.

Preferred Entry Level 05612 Timber and Timber Derivatives

Learning Outcomes The student should:

1. identify veneers and substrates;
2. know methods of matching and jointing veneers;
3. select and use appropriate adhesives for a range of veneers;
4. prepare and lay veneers;
5. press veneers;
6. comply with regulations and procedures and use safe working practices specified for equipment and work areas.

Content/ Context Corresponding to the Learning Outcomes:

1. identification from a range of veneers and substrates.
2. (a) identification of matching methods from the range: slide book, random, quarter, cores etc;
(b) identification of jointing methods from the range: glued, butt, glued stitching, taping;

3. selection of natural and synthetic adhesives for repair and production work;
- 4&5. preparation and laying of veneers using guillotine, matching and edge jointing for both face and reverse veneers. Application of adhesive and pressing for one-off situation and production work. Pressing veneers, e.g. simple screw, hydraulic flat, vacuum forming. Cleaning of surface by scraping and/or sanding by hand or machine.
6. safety precautions and regulations relevant to tools, equipment, behaviour and work.

Suggested Learning and Teaching Approaches

It is envisaged that the general teaching approach will be activity/workshop based and student centred.

The learning programme should interest the student and related to a theme or vocational bias.

Critical skills and techniques should be demonstrated prior to student involvement.

Posters, information sheets, worksheets, workfiles, slides, films and video may be used to enhance the learning environment and process.

A set of completed exercises should be available for student to work to and compare standards.

Safety, safe working practices, care and use of equipment should be an integral part of all module activities.

Assessment Procedures

All Learning Outcomes must be validly assessed.

The student must be informed of the tasks which contribute to summative assessment. Any unsatisfactory aspects of performance should, if possible, be discussed with the student as and when they arise.

Acceptable performance in the module will be satisfactory achievement of the performance criteria specified for each Learning Outcome.

The following abbreviations are used below:

LO Learning Outcome
 IA Instrument of Assessment
 PC Performance Criteria

- LO1 IA Identification test(s).
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- PC The student should correctly:
- LO1 (a) visually identify three veneers and their substrates;
- LO2 (b) identify four methods of veneer matching;
- (c) identify three methods of edge jointing veneers.
- LO5 IA Short answer test.
- PC The student should describe simple screw, hydraulic flat and vacuum forming presses.
- LO3 IA Project/observation checklist.
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- PC The student should:
- (a) work individually to produce:
- (i) a panel with figured bookmatch;
- (ii) a panel with quartered match on face;
- (b) complete all tasks in an agreed time in which:
- (i) the functional dimensions are within specified tolerances;
- (ii) quality is comparable with an agreed exemplar.
- (c) select and apply appropriate adhesive;
- LO4 (d) prepare and lay veneers using guillotine, matching and edge jointing by taping or gluing of both face and reverse veneers;
- LO5 (e) use one method of pressing veneers;
- (f) remove tape, scrape or sand surface by hand or machine.
- LO6 (g) behave in a manner appropriate to the working environment;
- (h) wear all necessary safety clothing and equipment;
- (i) use tools and equipment safely.