

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

**Hanover House
24 Douglas Street
GLASGOW G2 7NG**

NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number-	0065325	-Session-1986-87
-Superclass-	XR	
-Title-	VEHICLE PAINTING: PAINTING	INTRODUCTORY BRUSH

-DESCRIPTION-

Type and Purpose	A <u>general</u> module to provide an introduction to the basic skills and knowledge required to apply vehicle surface coatings by brush.
------------------	---

Preferred Entry Level	No formal entry qualifications
-----------------------	--------------------------------

Learning Outcomes	The student should: <ol style="list-style-type: none">1. know the types of surfaces commonly requiring to be painted and suggest suitable painting procedures;2. identify types of coatings and their applications;3. select and use materials and equipment to apply coatings by brush;4. clean, maintain and store tools, equipment and materials;5. calculate areas, quantities and cost for specific tasks;6. identify and rectify surface coating defects in brush painting applications;7. comply with regulations and procedures and use safe working practices specified for equipment, materials and work areas.
-------------------	---

Content/Context	Corresponding to the Learning Outcomes: <ol style="list-style-type: none">1. identify materials such as metals, g.r.p., plastics, softwood, hardwood, etc.2. methods of identifying oil, water and spirit based surface coatings.
-----------------	--

Applications of above coatings.

3. types of paint pots/kettles and their preparation for use.

Brush constructions, types and sizes and their uses.

Use of ladders, steps and work platforms.

Brushing techniques to apply a range of coatings to a variety of flat and curved, horizontal and vertical surfaces including surfaces with protrusions and holes.

Use of information sheets and trade publications.

4. methods of storing new and used brushes including fluid and storage containers. Methods of cleaning paint and varnish brushes used with a range of coatings. Storage of materials in supplied and prepared state.
5. covering properties of materials. Use of materials schedules. Calculation of areas, quantities of materials used. Calculation of cost of work completed.
6. identification of faults such as furrowing, lading, shearing, shrivelling etc.

Causes of faults and remedial actions.

7. regulations relating to the use of surface coating materials. Health and Safety requirements. Safe use of equipment.

Suggested
Learning and
Teaching
Approaches

This module should be introduced by lectures/demonstrations followed by student participation in practical assignments.

Students should be encouraged to refer to relevant information to determine suitable surface coatings and painting procedures.

Example of paints should be available for identification purposes.

Safety should be taught at all stages with particular reference given to dangerous practices such as painting in confined areas.

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 Assignment Report.

PC The student correctly:

- (a) identifies types of surfaces;
- (b) suggests suitable painting procedures.

LO2 IA Assignment Report.

PC The student correctly:

- (a) identifies types of surface coatings;
- (b) gives applications for surface coatings.

LO3 IA Observation Checklist.

PC The student correctly:

- (a) selects suitable equipment;
- (b) selects suitable brushes;
- (c) applies coatings.

LO4 IA Observation Checklist.

PC The student correctly:

- (a) cleans brushes prior to use;
- (b) cleans brushes after use;
- (c) stores new and used brushes.

LO5 IA Assignment Report.

PC The student accurately:

- (a) calculates areas painted;
- (b) calculates quantities of materials required;
- (c) costs the work done.

LO6 IA Observation Checklist.

PC The student correctly:

- (a) identifies paint defects;
- (b) carries out remedial action for defects.

LO7 IA Observation Checklist.

PC The student consistently:

- (a) wears all necessary safety clothing and equipment;
- (b) behaves in a manner appropriate to the working environment;
- (c) uses tools and equipment safely.