

-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

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NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number-	0078131	-Session-1987-88
-Superclass-	SG	
-Title-	USE OF CLEARING SAW (x¹/₂)	
-DESCRIPTION-		
Type and Purpose	A <u>general</u> module which develops the skills and knowledge necessary to use a clearing saw to control the damage caused to tree crops by weeds.	
Preferred Entry Level	No formal entry requirements.	
Learning Outcomes	The student should: <ol style="list-style-type: none">1. select an appropriate clearing saw for a particular situation;2. maintain and adjust a clearing saw;3. use a clearing saw.	
Content/ Context	Safety regulations and safe working practices and procedures should be observed at all times. <u>Corresponding to Learning Outcomes 1-3:</u> <ol style="list-style-type: none">1. Reasons for weeding and clearing. Types of weeding and clearing needed in forestry. Methods that could be used - hand tools, trimmers, clearing saws, swipes, scythes. Effect of different methods. Times for weeding or clearing. Range of clearing saws and trimmers available.2. Fitting and adjusting harness. Changing of blades, trimmer head. Fitting new blades, nylon. Maintenance of saw blade, cutting head, engine. Simple repairs.	

3. Methods of use for different operations. Safety precautions. Protective clothing. Relevant Forestry Safety Commission guides. Practice in clearing and weeding with strimmer and with clearing saw.

Suggested
Learning and
Teaching
Approaches

This module is mainly practical and only limited time should be spent in the classroom situation. Most of the instruction should take place either in workshops or on site where possible.

The importance of the adherence to all safety regulations or procedures should be understood by the student.

The student should be given as much practice as possible in the use of a clearing saw in as many different situations as possible.

Assessment
Procedures

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 Written exercise on weeding or clearing for a given situation.

PC The student:

- (a) selects the appropriate method for clearing or weeding;
- (b) gives reasons for the choice of method;
- (c) selects the most suitable clearing saw, head and blade;
- (d) describes the limitations of use of the equipment in this situation.

LO2 IA Practical exercise in maintain and adjusting a clearing saw.

PC The student:

- (a) correctly fits harness;
- (b) changes blades or head;
- (c) fuels, oils and cleans saws;

(d) cleans and sharpens saw blade.

LO3 IA Practical exercise in the use of a clearing saw.

PC The student:

- (a) wears the correct protective clothing;
- (b) observes all safety regulations and procedures;
- (c) uses the saw in the correct manner;
- (d) holds the machine correctly;
- (e) angles the blade correctly;
- (f) weeds and clears to given specifications and methods.

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