Technical Evaluation Record

QUALIFICATION:	L2 Award in the Safe use of a Forestry Clearing Saw	**Qualification Code:**	Integrated: 0020-55 Independent: 0020-56
		Units:	221
Assessor Name:		**Technical Verifier Name:**	
Assessor No: **NEW? DOB:**		**Technical Verifier No:**	
Assessor Email:		**Start Time:**	
Invoice To: (Include Centre name if applicable)		**End Time:**	

CRITERIA: **(See Qualification guidance)**	**PERFORMANCE EVALUATION (Circle):**					**COMMENTS:**
Health and Safety requirements explained and risk assessment completed	1	2	3	4	5	
Sources of reference information & industry good practice guides	1	2	3	4	5	
Personal Protective Equipment	1	2	3	4	5	
Machine Maintenance	1	2	3	4	5	
Guards and safety features	1	2	3	4	5	
Clearing saw blade fitted	1	2	3	4	5	
Blade inspection and maintenance	1	2	3	4	5	
System of work	1	2	3	4	5	
Trees Directionally felled	1	2	3	4	5	
Knowledge of removing a trapped clearing saw	1	2	3	4	5	
Sharpened in the field demonstrated	1	2	3	4	5	
Assessment technique	1	2	3	4	5	
PERFORMANCE EVALUATION COLUMN TOTALS:						**= TOTAL SCORE:**

Result of Technical Evaluation (tick):	**PASS** / **FAIL**	**TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS:** **(NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY)**	**48**

TECHNICAL VERIFIER COMMENTS (ACTION PLAN):

Please continue on reverse if necessary

ASSESSOR COMMENTS:

Please continue on reverse if necessary

TECHNICAL VERIFIER SIGNATURE:		**COST:** **£200 Half Day** **£300 Full Day**	**DATE:**
ASSESSOR SIGNATURE:			

Guidance

The following information provides indicative content of the technical evaluation. Applicants will be expected to demonstrate practical skills and knowledge greater than that of a candidate, including exemplary performances upon demand. These guidance notes should also be read in conjunction with the relevant Qualification Guidance.

Practical demonstration of assessment

(Not applicable for existing approved Assessors)

Applicants will need to be able to conduct an assessment, with the verifier acting as a candidate using a selected page from the relevant qualification guidance. E.g. page 9 or 10

Legislation and environmental considerations

The person being evaluated should have knowledge of the key principles and practical relevance of the following legislation:

- Health and Safety at Work etc. Act
- Management of Health and Safety at Work Regulations
- Provision and Use of Work Equipment Regulations
- Personal Protective Equipment at Work Regulations
- Manual Handling Operations Regulations
- Control Of Substances Hazardous to Health Regulations
- The Health and Safety (First-Aid) Regulations
- Reporting of Injuries Diseases Dangerous Occurrence Regulation
- Control of Noise at Work Regulations
- Control of Vibration at Work Regulations
- Wildlife and Countryside Act
- Countryside and Rights of Way Act
- European Protected Species Directive

Applicants will be asked to demonstrate further knowledge of how they would make arrangements to comply with above Regulations.

Sources of reference information and industry good practice guides

Applicants will require knowledge of the basic content and relevance of the following:

- Forest Industry Safety Accord (FISA) Safety Guides
- Operators manuals

Risk assessment

Applicants will be required to carry out a site specific risk assessment, and demonstrate knowledge of the controls to be implemented.

Information to be contained within an Emergency Action Plan is also to be included.

Knowledge and experience of a range of machine types

Machine types to include – 2 stroke, 4 stroke

Personal Protective Equipment

Applicants will be required to demonstrate knowledge of PPE requirements, suitability, CE marking, EN standards, inspection, maintenance, cleaning and storage.

Applicants to demonstrate the correct fitting and adjustment of a suitable harness.

Guards, decals, controls and safety features

The Applicant will be expected to identify and explain the function of guards, decals, controls and safety features of a clearing saw.

Clearing Saw safety features and familiarity of other models

The Applicant will need to be able to identify and demonstrate knowledge of the safety features and common variations between different clearing saws, e.g.

- Clutch system
  Starter features e.g. Elasto-start, Ergo-start
- Cooling systems
- Air filters - pre-filters, main filters constructed of different materials and the recommended method/frequency of cleaning
- Rubber/metal spring A/V mountings
- Specific product developments within the clearing saw ranges e.g.: an awareness of M-tronic, Auto-tune.

Blade maintenance

Applicants will be expected to examine, maintain and refit the cutting blade. Identify and remedy a range of common faults.

Power unit maintenance, air filter, spark plug, exhaust and clutch.

Applicants will be expected to carry out maintenance of and diagnose faults relating to the above.

Recoil starter

Applicants will be expected to remove, de-tension, inspect, maintain, re-tension and refit and state the cord replacement procedure.

Fuel and lubricating systems

Applicants will require knowledge of types of fuel and lubricants, filters and pumps.

Fueling sites and Bio-security

Knowledge of suitable fueling sites and spill prevention.

Basic understanding of Bio-security relating to forestry/worksites.

Knowledge and experience of worksites

Applicants will need to be able to demonstrate knowledge of and explain:

- Thinning/spacing regimes
- Organised felling techniques

Tree identification

Applicant must be able to identify the species of tree to be felled and at least <u>one</u> other on site.

Accurate felling cuts

Applicants will need to be able to demonstrate and have knowledge of:

- Single cuts
- Step/overlap cut
- Directional felling cuts

Demonstrate knowledge the appropriate circumstances for using each technique.

Demonstrate knowledge of the procedures for dealing with a trapped clearing saw.

Use of a clearing saw at a safe and efficient speed
Applicants will need to be able to demonstrate:

- Efficiency
- Appropriate techniques