

TECHNICAL EVALUATION RECORD



QUALIFICATION:	L3 Award in felling and processing trees over 380mm	Qualification Code/s:	Independent: 0021-11 Integrated: 0021-01		
		Units:	301		
Assessor Name:		Technical Verifier Name:			
Assessor No: New? D.O.B:		Technical Verifier No:			
Assessor email:		Start Time:			
Invoice To: (Include Centre name if applicable)		End Time:			
CRITERIA: (See guidance notes on next sheet)		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
Knowledge of Fuelling sites and Bio-security	1	2	3	4	5
Starting and operational checks	1	2	3	4	5
Legal constraints	1	2	3	4	5
Knowledge & experience of felling sites	1	2	3	4	5
Accurate assessment of site & trees to be felled	1	2	3	4	5
Selection and knowledge of felling aids	1	2	3	4	5
Prepare tree for felling	1	2	3	4	5
Accurate felling cuts over 380mm including knowledge of function/purpose	1	2	3	4	5
Selection and knowledge of winches and equipment	1	2	3	4	5
Take down of hung up trees using a winch	1	2	3	4	5
Branch removal	1	2	3	4	5
Measuring & conversion	1	2	3	4	5
Cross-cutting & stacking	1	2	3	4	5
Presentation & knowledge of product extraction systems	1	2	3	4	5
Use of saw at a safe & efficient speed	1	2	3	4	5
PERFORMANCE EVALUATION COLUMN TOTALS:					
					= TOTAL SCORE:

Result of Technical Evaluation (tick):	PASS	TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY)	64
	FAIL		
TECHNICAL VERIFIER COMMENTS (ACTION PLAN):			
<i>Please continue on reverse if necessary</i>			
ASSESSOR COMMENTS:			
<i>Please continue on reverse if necessary</i>			
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.

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:

- The Health and Safety Executive (HSE) leaflet 'Chainsaws at Work'
- Forest Industry Safety Accord (FISA) Safety Guides
- FC Winching operations in forestry (tree takedown and vehicle debogging)
- FC Technical Notes eg. De-buttressing of standing timber

Fuelling sites and Bio-security

Knowledge of suitable fuelling sites and spillage prevention. Basic understanding of Bio-security relating to forestry /worksites.

Legal constraints

Applicants will require knowledge of: Felling licences, TPO's and conservation areas.

Risk assessment

Applicants will be required to carry out a site specific risk assessment

Knowledge and experience of felling sites

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

- Thinning regimes e.g.: selective, line thinning.
- Organised felling techniques e.g.: bench, contour felling.
- Presentation methods e.g.; shortwood, pole length.
- Extraction methods e.g.: skidder, forwarder.

Accurate assessment of site and trees to be felled

Applicants will need to be able to carry out an accurate assessment of trees and site.

Knowledge and practical ability

Applicants will be expected to demonstrate:

- Preparing the tree for felling
- Correct break in
- Brushing
- De-buttressing
- Preparing escape routes
- Accurate felling cuts for trees over 380mm

Demonstration of felling a minimum of one tree over 380mm, and one tree over 560mm.

Demonstration of boring through the sink and wedge use are to be included.

Applicants will need to be able to demonstrate and have knowledge of felling trees which are:

- Upright
- Backward leaning
- Heavily leaning/weighted in the intended direction

Take down of hung up trees using a hand winch

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

- Winching (including suitability, configuration and compatibility)
- Hinge removal eg 80/20 and letterbox
- Rolling out/drag back
- Straight line and offset pull
- A tractor winch may be used, but hand winching must be demonstrated

Branch removal

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

- Snedding/delimiting appropriate to tree species

Measuring and conversion

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

- Loggers tape
- Measuring stick
- Saw lengths

Cross-cutting and stacking

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

- Tension and compression
- Operator stance
- Boring
- Reduction cuts
- Manual handling techniques
- Use of aid tools
- Use of a saw at a safe and efficient speed

Applicants will need to be able to demonstrate:

- Efficiency
- Safe, appropriate techniques