

Technical Evaluation Record



QUALIFICATION:	Level 3 Award in Felling and Processing Large Trees Over 760mm	Qualification Code:	0039-34	0039-25
	Level 2 Award in Branch Removal and Crown Breakdown	Units:	305	206
Assessor Name:		Technical Verifier Name:		
Assessor No: New? DoB:		Technical Verifier No:		
Start Time:		Location:		
End Time:		Invoice To: (Centre name if applicable)		
Assessor Email:				

CRITERIA: (See guidance notes on next sheet)	PERFORMANCE EVALUATION (Circle):					COMMENTS:
	1	2	3	4	5	
Health and Safety requirements explained and Risk Assessment completed						
Sources of reference information and industry good practice guides						
Knowledge of fueling sites and bio-security						
Legal constraints						
Knowledge and experience of felling sites						
Accurate assessment of site and trees to be felled						
Selection and knowledge of felling aids and assisted felling systems						
Selection and knowledge of winches and equipment						
Starting and operational checks						
Prepare tree for felling						
Accurate felling cuts demonstrated including knowledge of function / purpose						
Branch removal and crown breakdown						
Measuring and conversion						
Knowledge of additional considerations when cross-cutting large diameter timber						
Cross-cutting						
Presentation and knowledge of product extraction systems						
Use of saw at a safe and efficient speed						
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 (AND ACTION PLAN):

Please continue on reverse if necessary

ASSESSOR COMMENTS:

Please continue on reverse if necessary

AGREED ACTION PLAN

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 including hazards, risks, and control measures relating to the site, task, and machinery and equipment in use.

Knowledge and experience of felling sites

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

- 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

Demonstrate knowledge of a range of felling aids

- Wedges (wooden, plastic, alloy)
- Mechanical wedges
- Remote control wedges
- Tree jacks
- Tree felling bottle jacks
- Assisted felling systems

Demonstration of felling

- Minimum of one tree, maximum of two trees over 760mm
- Demonstration of boring through the sink as appropriate.
- Use of felling aid(s) as appropriate to tree form and condition

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

- Upright trees
- Backward weighted trees
- Forward weighted trees

Branch removal and crown breakdown

Applicants will need to be able to demonstrate and have knowledge of appropriate techniques to safely breakdown and process the crown of the tree

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 cuts
- Reduction cuts
- Manual Handling techniques
- Use of aid tools/machinery (if applicable)
- Use of a saw at a safe and efficient speed