

TECHNICAL EVALUATION RECORD

QUALIFICATION:	L3 Award in Emergency Treework Operations	Qualification Code/s:	Independent: 0021-05
		Units:	305

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:					
Legislation & environmental considerations	1	2	3	4	5	
Reference information and industry good practice	1	2	3	4	5	
Risk assessment	1	2	3	4	5	
Knowledge and experience	1	2	3	4	5	
Site and tree assessment	1	2	3	4	5	
Practical demonstration – assisted fell	1	2	3	4	5	
Practical demonstration – windblown/damaged trees	1	2	3	4	5	
Rope systems	1	2	3	4	5	
Equipment inspection and selection	1	2	3	4	5	
Felling and severing cuts	1	2	3	4	5	
Branch removal	1	2	3	4	5	
Cross cutting	1	2	3	4	5	
Use of a saw at a safe and 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:				52
	FAIL	(NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY)				
TECHNICAL VERIFIER COMMENTS (ACTION PLAN):						

Please continue on reverse if necessary

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
- Lifting Operations and Lifting Equipment Regulations
- Work at Height 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
- Forestry Commission: Winching Operations in Forestry – Tree takedown and vehicle debogging
- Manufacturers data and guidance relating to equipment in use

Demonstration of knowledge of dealing with third parties relating to damaged trees e.g.: emergency services, utility providers.

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

Applicants will be questioned on their background, and practical experience of dealing with damaged trees in different work environments e.g. domestic, utility, local authority.

Accurate assessment of site and trees to be processed

Applicants will need to be able to carry out an accurate assessment of the site and the trees to be processed, commenting on work methods, sequence and interaction with machinery and include dealing with severed rootplates.

Practical demonstration:

Applicants will need to be able to demonstrate and have knowledge of dealing with the following scenarios on trees up to 380mm diameter at felling height:

- Rope assisted fell (min one)
- Winch assisted fell (min one)

Applicants will need to be able to demonstrate and have knowledge of dealing with the following scenarios:

- Dealing with fully uprooted trees (min one under, and one over guidebar)
- Dealing with partially uprooted trees (min one)
- Dealing with hung up, uprooted trees (min one)
- Restraining stems and rootplates (min one)

Applicants will be expected to demonstrate knowledge relating to:

- Selecting appropriate pulling equipment
- Estimating the load
- Selecting attachment points/anchors for pull systems
- Communication methods between parties involved in the operation

Rope systems

Knowledge and practical demonstration will be expected relating to:

- Setting high tree anchors e.g. throwline, extendable tools, ladders (min two to be demonstrated)
- Knots and hitches e.g. running bowline, alpine butterfly (ability to demonstrate two different knots and two different friction hitches that could be used)
- Non return (min two to be demonstrated) and retrievable rope systems (min two)
- Basal anchors – knowledge and demonstration of using at least two different anchors e.g. base of tree, stump

Applicants to demonstrate the use of straight line pull, offset system and working within the extended escape route.

Equipment inspection

Inspection undertaken and comment made relating to all work equipment in use, and how inspection relates to manufacturers guidance.

Equipment to be used including winch, textile and hardware elements

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

- Appropriate component selection
- Various configurations
- Compatibility of equipment
- Safe use in accordance with industry good practice and manufacturers guidance

Felling and severing cuts

Selection and demonstration of appropriate felling and severing cuts in accordance with industry good practice.

Branch removal

Applicants will need to be able to demonstrate the breakdown of a crown techniques in accordance with industry good practice.

Cross-cutting

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

- Tension and compression including side tension
- Boring and reduction cuts

Use of a saw at a safe and efficient speed

Applicants will need to be able to demonstrate:

- Efficiency
- Safe and appropriate technique