

TECHNICAL EVALUATION RECORD



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| QUALIFICATION: | L3 Award in Assisted Fell Operations | Qualification Code/s: | 0039-30 |
| | | Units: | 301 |

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|---|--|---------------------------------|--|
| 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: |
|---|--|---|---|---|---|-----------------------|
| | 1 | 2 | 3 | 4 | 5 | |
| Knowledge of Health and Safety legislation | | | | | | |
| Risk Assessment, legal and environmental considerations | | | | | | |
| Knowledge of safety guides and current industry good practice | | | | | | |
| Knowledge and experience of assisted felling | | | | | | |
| Site assessment, and work methods | | | | | | |
| Function and purpose of cuts | | | | | | |
| Accurate and appropriate felling cuts | | | | | | |
| Equipment selection, configuration and computability | | | | | | |
| Assisted felling – rope and winch | | | | | | |
| Safe, efficient use of saw at professional speed | | | | | | |
| PERFORMANCE EVALUATION COLUMN TOTALS: | | | | | | = TOTAL SCORE: |

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|---|--|---|-----------|
| <b style="color: red;">Result of Technical Evaluation (tick): | <b style="color: red;">PASS <b style="color: red;">FAIL | TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY) | 40 |
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TECHNICAL VERIFIER COMMENTS (ACTION PLAN):

Please continue on reverse if necessary

ASSESSOR COMMENTS:

Please continue on reverse if necessary

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| 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

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

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 using assisted felling techniques in different work environments e.g. forestry, domestic work, utility.

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.

Applicant 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 assisted fell operation

Practical demonstration:

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

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

Rope systems

Applicants will be expected to demonstrate knowledge and practical ability relating to:

- Setting high tree anchors e.g. throwline, extendable tools, ladders (min two to be demonstrated)
- Knots and hitches (ability to demonstrate two different knots and 2 different friction hitches that could be used)
- Non return and retrievable rope systems (min of 2 demonstrated)
- 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, 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 cuts

Selection and demonstration of appropriate felling cuts e.g. safe corner, dogs tooth.

Use of a saw at a safe and efficient speed

Applicants will need to be able to demonstrate:

- Efficiency
- Safe and appropriate technique

Winch System

- Appropriate winch for tree size
- Appropriate component selection and compatibility
- Winching system set up including offset
- Safe use and in accordance with industry good practice and manufactures guidance
- Retrieval and storage
- Inspection including knowledge of any Maintenance requirements

