



## **TECHNICAL EVALUATION RECORD**

| QUALIFICATION:                                     | L3 Award in Felling and Crown |                                    | Qualification Code/s:   |     |     |   | /s:            | Independent: 0021-17<br>Integrated: 0021-19 |  |
|--|-------------------------------|------------------------------------|---|-----|-----|---|----------------|---|--|
| QOALII ICATION.                                    | Breakdown of L                | arge Trees                         | Uni   | ts: |     |   |                | 313   |  |
| Assessor Name:                                     |                               |                                    | Technical Verifier Name:  |     |     |   |                |   |  |
| Assessor No:<br>New? D.O.B:                        |                               |                                    | Technical Verifier No:  |     | lo: |   |                |   |  |
| Assessor email:                                    |                               |                                    | Start Time:   |     |     |   |                |   |  |
| Invoice To: (Include Centre name if applicable)    |                               |                                    | End Time:   |     |     |   |                |   |  |
| CRITERIA: (See guidance notes on next sheet)       |                               | PERFORMANCE<br>EVALUATION(Circle): |   |     |     |   | COMMENTS:      |   |  |
| Legislation and environmental considerations       |                               |                                    | 1   | 2   | 3   | 4 | 5              |   |  |
| Reference information and industry good practice   |                               |                                    | 1   | 2   | 3   | 4 | 5              |   |  |
| Site and tree assessment                           |                               |                                    | 1   | 2   | 3   | 4 | 5              |   |  |
| Practical demonstration – felling trees over 760mm |                               |                                    | 1   | 2   | 3   | 4 | 5              |   |  |
| Practical demonstration – winch assisted felling   |                               | 1                                  | 2   | 3   | 4   | 5 |                |   |  |
| Equipment inspection                               |                               |                                    | 1   | 2   | 3   | 4 | 5              |   |  |
| Equipment selection                                |                               | 1                                  | 2   | 3   | 4   | 5 |                |   |  |
| Branch removal                                     |                               | 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 Eva                            | PASS lluation (tick): FAIL    | 1                                  | TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS:  B. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY) |     |     |   |                |   |  |
| TECHNICAL VEDICIED COL                             | ANAENITS (ACTIO               | N DI ANI).                         |   |     |     |   |                |   |  |

Please continue on reverse if necessary

| ASSESSOR COMMENTS:            |                        |                           |
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|                               |                        |                           |
|                               | Please continu         | e on reverse if necessary |
| TECHNICAL VERIFIER SIGNATURE: | Cost:<br>£200 Half Day | Date:                     |
| ASSESSOR SIGNATURE:           | £300 Full Day          |                           |

#### 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 a working knowledge of the following: e.g. Key principles and practical relevance.

- Health and Safety at Work etc. Act
- Management of Health and Safety at Work Regulations
- Provision and Use of Work Equipment Regulations

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

Applicant to demonstrate knowledge of records that may be required to demonstrate legislative compliance e.g. risk assessments, method statements, and maintenance records.

# Sources of reference information and industry good practice guides

Applicants will require knowledge of: basic content and relevance

- Forestry Industry Safety Accord (FISA) guidance
- · Operators' manuals

## **Bio-security**

Knowledge of suitable spill prevention and bio-security measures that may be required.

### 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 in use.

### Accurate assessment of site and trees to be felled

Applicants will need to be able to carry out an accurate assessment of the site and the trees to be felled, commenting on work methods and sequence.

Comment to include tools and equipment for the felling and processing of larger trees.

## **Felling**

Demonstration of the following techniques:

- Correct break-in
- Brashing
- De-buttressing
- Preparing escape routes
- Accurate felling cuts for trees over 760mm diameter at felling height

Applicants will need to be able to demonstrate the felling of a minimum  $\underline{two}$  trees greater than 760mm at felling height, using a length of guidebar appropriate to the tree size.

<u>One</u> of the two trees must be felled with the use of winch assisted techniques.

#### **Equipment inspection**

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

#### Winch assisted fell

Applicants will need to be able to demonstrate and have knowledge of winch assisted felling techniques and comment upon:

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

#### **Branch removal**

Applicants will need to be able to demonstrate and have knowledge of snedding/delimbing appropriate to tree species. Techniques for the turning/rolling of trees to be demonstrated e.g. winch, rope.

#### Use of a saw at a safe and efficient speed

Applicants will need to be able to demonstrate:

- Efficiency
- Safe and appropriate techniques