

# TECHNICAL EVALUATION RECORD



<b>QUALIFICATION:</b>	L2 Award in the Safe Use of a Powered Pole Pruner	<b>Qualification Code/s:</b>	Integrated: 0020-06 Independent: 0020-10			
		<b>Units:</b>	205			
<b>Assessor Name:</b>		<b>Technical Verifier Name:</b>				
<b>Assessor No:</b> <b>NEW? D.O.B:</b>		<b>Technical Verifier No:</b>				
<b>Assessor email:</b>		<b>Start Time:</b>				
<b>Invoice To:</b> (Include Centre name if applicable)		<b>End Time:</b>				
<b>CRITERIA:</b> (See guidance notes on next sheet)		<b>PERFORMANCE EVALUATION(Circle):</b>	<b>COMMENTS:</b>			
Knowledge of Health and Safety legislation	1	2	3	4	5	
Risk Assessment, legal and environmental considerations	1	2	3	4	5	
Knowledge of safety guides & current industry good practice	1	2	3	4	5	
Knowledge and experience of work environments	1	2	3	4	5	
Knowledge of industry pruning standards and reference material	1	2	3	4	5	
Chain identification and sharpening	1	2	3	4	5	
Bar maintenance	1	2	3	4	5	
Chain Tension	1	2	3	4	5	
Knowledge of fuel and lubricants	1	2	3	4	5	
Engine maintenance	1	2	3	4	5	
Starting procedures and operational checks	1	2	3	4	5	
Knowledge of Personal Protective Equipment	1	2	3	4	5	
Accurate assessment of site and trees to be worked on	1	2	3	4	5	
Knowledge of pruning principles	1	2	3	4	5	
Operator position and stance	1	2	3	4	5	
Safe and efficient use of pole pruner at professional speed	1	2	3	4	5	
Accurate cuts over wide range of cutting techniques	1	2	3	4	5	
Practical assessment demonstration	1	2	3	4	5	
<b>PERFORMANCE EVALUATION COLUMN TOTALS:</b>						
					<b>= TOTAL SCORE:</b>	
<b>Result of Technical Evaluation (tick):</b>	<b>PASS</b>	<b>TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 &amp; 5 ONLY)</b>				<b>72</b>
	<b>FAIL</b>					

**TECHNICAL VERIFIER COMMENTS (ACTION PLAN):**

*Please continue on reverse if necessary*

**ASSESSOR COMMENTS:**

*Please continue on reverse if necessary*

**TECHNICAL VERIFIER SIGNATURE:**

**Cost:**  
**£200 Half Day**  
**£300 Full Day**

**DATE:**

**ASSESSOR SIGNATURE:**

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

**Guidance**

upon demand. These guidance notes should also be read in conjunction with the relevant Qualification Guidance.

### **Practical demonstration of assessment**

*(Not applicable for existing approved Assessors)*

Applicants will need to be able to conduct an assessment, with the verifier acting as a candidate using a selected page from the relevant qualification guidance. E.g. page 9 or 10

### **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
- Operators manuals
  
- Pruning standards e.g. BS3998
- European Tree Pruning Guide (AA/EAC)
- Tree Advice Trust Guidance Notes, "rules of thumb" etc.

### **Pole Pruner safety features and familiarity of other pole pruner models**

The Applicant will need to be able to identify and demonstrate knowledge of the safety features and common variations between different pole pruners, e.g.

- Fixed length, telescopic and detachable
- Petrol driven (2 stroke and 4-mix), battery and hydraulic powered pole pruners
- Starter features e.g. Elasto-start, Ergo-start
- Rubber/metal spring A/V mountings

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- Specific product developments within saw ranges e.g.: an awareness of M-tronic, Auto-tune

### **Chain ID and sharpening**

A thorough understanding of chain components, their function, and the terminology applied by different manufacturers will be required.

- Chain type/profile
- Guard links
- Pitch, gauge
- Identification marking systems
- Recognition of the most common chain types and knowledge of sharpening specifications, without reference to product information
- Interpretation of filing information from manufactures information e.g. chain box
- Familiarity with a range of sharpening methods, file guides and depth gauge setting tools.

### **Bar maintenance**

Applicants will be expected to examine, maintain and refit the guide bar. Identify and remedy a range of common faults.

### **Drive sprocket**

Applicants will be expected to remove and replace sprockets and comment wear tolerances.

### **Power unit maintenance, air filter, spark plug, exhaust and clutch.**

Applicants will be expected to carry out maintenance of and diagnose faults relating to the above.

### **Recoil starter**

Applicants will be expected to remove, de-tension, inspect, maintain, re-tension and refit and state the cord replacement procedure.

### **Chain tension**

Applicants will be expected to re-tension chain to the manufacturers' recommendations and explain the importance.

### **Fuel and lubricating systems**

Applicants will require knowledge of types of fuel and lubricants, filters and pumps.

### **PPE**

Applicants will be required to demonstrate knowledge of PPE requirements, suitability, CE marking, EN standards.

### **Fueling sites and Bio-security**

Knowledge of suitable fueling sites and spill prevention.

Basic understanding of Bio-security relating to worksites

### **Legal constraints**

Applicants will require knowledge of: Tree Preservation Orders and Conservation Areas.

### **Risk assessment**

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

#### **Knowledge and experience of work sites**

Applicants will need to be able to demonstrate knowledge of working within the following environments:

- Utility (rail, highway, waterway, electricity)
- Domestic, commercial and local authority sites
- Sloping and uneven ground
- Working at height

#### **Accurate assessment of trees to be worked upon including tree identification**

Applicants will need to be able to carry out an accurate assessment of the trees to be worked upon and be able to as a minimum identify the trees to be pruned and two other species on site.

#### **Starting procedures and pre use checks**

Applicants will need to be able to demonstrate starting procedures, along with pre use checks in accordance with manufacturer's guidance.

#### **Cutting techniques**

A range of cutting techniques will need to be demonstrated by the applicant, to include:

- Through cuts
- Step cuts
- Natural Target Pruning

Knowledge relating to the characteristics of cutting with certain bar/chain parts e.g. Pushing and pulling chain.

The effects of tension and compression within timber.

#### **Pruning principles**

Applicants will be expected to demonstrate knowledge relating to:

- Branch bark ridge and collar
- Compartmentalisation of Decay in Trees (CODIT)
- Effects of pruning at certain times of the year
- How tree condition may affect pruning regimes

#### **Safe handling and operation**

Applicants will need to be able to demonstrate:

- Efficient and safe use of the pole pruner
- Procedures for dealing with a stuck/trapped machine

