

# TECHNICAL EVALUATION RECORD



<b>QUALIFICATION:</b>	L3 Award in the use of a Chainsaw from a Mobile Elevated Work Platform	<b>Qualification Code/s:</b>	0039-38
		<b>Units:</b>	309

<b>Assessor Name:</b>		<b>Technical Verifier Name:</b>	
<b>Assessor No:</b> <span style="color: red;">NEW? D.O.B:</span>		<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>
	1	2	3	4	5	
Legal and environmental considerations						
Risk assessment						
Knowledge of safety guides & current industry good practice						
Personal Protective Equipment						
Bio-security						
Legal constraints						
Mobile Elevated Work Platforms						
Machine maintenance						
Assessment of site and trees						
Cutting techniques						
Pruning principles						
Accurate assessment of site and trees to be worked on						
Knowledge of pruning principles						
Safe and efficient use of machinery at professional speed						
<b>PERFORMANCE EVALUATION COLUMN TOTALS:</b>						<b>= TOTAL SCORE:</b>

<b style="color: red;">Result of Technical Evaluation (tick):</b>	<b>PASS</b>  <b>FAIL</b>	<b>TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 &amp; 5 ONLY)</b>	<b>56</b>
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**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:**

## 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 Lifting Equipment Regulations
- Work at Height Regulations
- Control Of Substances Hazardous to Health Regulations
- The Health and Safety (First-Aid) Regulations
- Reporting of Injuries Diseases Dangerous Occurrence 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
- Arboricultural Forestry Advisory Group (AFAG) Safety Guides
- AA Guide to the safe use of MEWPs within arboriculture - AA TG 5
- Operators manuals
- HSE, IPAF guidance notes relating to MEWP use selection, management, and personal fall protection systems.
- Pruning standards e.g. BS3998: Recommendations for Tree Work

## PPE

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

## Bio-security

Basic understanding of Bio-security relating to worksites.

City & Guilds NPTC Technical Evaluation Record 0021-15 V1 10.11.16

## 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, including relevant emergency procedures and dealing with injured parties/faulty machinery.

## MEWP Set up and Operation

Demonstrate knowledge of at least three different MEWP types and their application, along with two different types of personal fall protection system that may be used.

Applicants should be able to identify all safety decals, devices and guards present on MEWPs and explain all function controls including emergency descent systems.

Demonstrate knowledge of the meaning and implications of Safe Working Loads.

The applicant will be expected to set up & operate the MEWP in accordance with both manufacturer's guidance and good practice, commenting upon conditions when it would be unsafe to do so e.g. weather, overhead lines.

## Maintenance

It will be expected that the applicant can undertake pre-use checks and maintenance activities to the MEWP in accordance with the manufacturer's operators manual.

## 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.

## Cutting techniques

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

- Step cut free fall
- Step cut hand held
- Sink cut free fall
- Sink cut hand held
- Natural Target Pruning

On vertical timber:

- Sink cut free fall
- Step cut free fall

All of the above cutting techniques to be demonstrated a minimum of two times, and incorporate at least once a demonstration of using a pull/tag line.

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

#### **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 chainsaw
- Procedures for dealing with a stuck chainsaw

Describe methods of dealing with an injured operator who is unable to bring themselves down

- Describe 2 methods

Explain how to carry out a MEWP rescue and the implications on a MEWP's safe working load limit during aerial rescue

- Applicants will be expected to have knowledge of and explain rescue methods and safe working load limit implications

Explain the reasons for inspecting the MEWP after use

- Applicants to explain a min of 3 reasons

Demonstrate how to convert the MEWP to transport position in accordance with operators manual.

- Applicant to demonstrate converting the MEWP into transport position as per the operators handbook.

