

TECHNICAL EVALUATION RECORD

QUALIFICATION:	L3 Award in the use of a Chainsaw from a Mobile Elevated Work Platform	Qualification Code/s:	Independent: 0021-15
		Units:	311

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:			
Legal and environmental considerations	1	2	3	4	5	
Risk assessment	1	2	3	4	5	
Knowledge of safety guides & current industry good practice	1	2	3	4	5	
Personal Protective Equipment	1	2	3	4	5	
Bio-security	1	2	3	4	5	
Legal constraints	1	2	3	4	5	
Mobile Elevated Work Platforms	1	2	3	4	5	
Machine maintenance	1	2	3	4	5	
Assessment of site and trees	1	2	3	4	5	
Cutting techniques	1	2	3	4	5	
Pruning principles	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	
Safe and efficient use of machinery at professional 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: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY)				56
TECHNICAL VERIFIER COMMENTS (ACTION PLAN):						

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
- 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.

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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

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 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.

Starting procedures and pre use checks

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

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

