

## TECHNICAL EVALUATION RECORD

<b>QUALIFICATION:</b>	L2 Award in the Safe Use of a Stump Grinder	<b>Qualification Code/s:</b>	Integrated: 0020-53 Independent: 0020-54
		<b>Units:</b>	220

<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>			
Knowledge of Health and Safety legislation	1	2	3	4	5	
Risk Assessment, legal and environmental considerations	1	2	3	4	5	
Knowledge of current industry good practice and sources of information	1	2	3	4	5	
Knowledge and experience of a range of machines	1	2	3	4	5	
Personal Protective Equipment	1	2	3	4	5	
Guards, decals, controls and safety features	1	2	3	4	5	
Engine maintenance	1	2	3	4	5	
Drive system maintenance	1	2	3	4	5	
Cutting wheel maintenance including tooth replacement	1	2	3	4	5	
Manoeuvring and transport of stump grinders	1	2	3	4	5	
Pre start checks, and machine set up/positioning	1	2	3	4	5	
Stump preparation and protection of third parties	1	2	3	4	5	
Carry out the stumpgrinding operation in accordance with instructions or specification	1	2	3	4	5	
Operational considerations	1	2	3	4	5	
Describe cleaning, post-operative checks & storage	1	2	3	4	5	
Environmental and public hazard considerations	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>68</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:**

## 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.

## 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:

- Forest Industry Safety Accord (FISA) Safety Guides
- Arboricultural Forestry Advisory Group (AFAG) Safety Guides
- Operators manuals
- AIS40: Power take-offs and power take-off drive shafts

## Risk assessment

Applicants will be required to carry out a site specific risk assessment, and demonstrate knowledge of the controls to be implemented for roadside working and public spaces.

It will be expected an Assessor has an understanding of tools available to an operator such as CAT and GENNY

(Cable Avoidance Tool & Signal Generator), there function and limitations.

## Knowledge and experience of a range of machines

Machine types to include – Trailed, self-propelled, vehicle mounted, pedestrian.

Demonstrate knowledge of Power Take Off systems and guarding requirements.

Machine specific features e.g. Remote controlled, operator presence controls.

## Personal Protective Equipment

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

## Guards, decals, controls and safety features

The Applicant will be expected to identify and explain the function of guards, decals, controls and safety features on a stumpgrinder.

## Engine maintenance - air, oil and fuel filters, spark plugs where applicable, battery, water levels, radiator, belts and electrical wiring

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

## Drive system maintenance – belts, chains, pulley wheels, hydraulics, tracks/tyres where fitted

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

Additional maintenance to include, greasing and lubrication in accordance with manufacturer's instructions.

## Cutting wheel maintenance including tooth replacement

Demonstrate knowledge of commonly available types of cutting teeth, explaining the replacement and fitting of a least two different types.

Applicant to remove and replace/refit at least two cutting teeth, using appropriate tools and techniques in accordance with manufacturer's guidance.

Knowledge of the importance of correct torque settings to be demonstrated.

## Manoeuvring and transport of stump grinders

Applicant to demonstrate the safe manoeuvring of the machine in use as part of the technical evaluation, in accordance with both good practice and the operator's manual.

Demonstrate knowledge of safe manoeuvring and transport of at least one other machine type e.g.:

- Trailed

- Tracked
- Vehicle mounted
- Push around

Applicant to carry out a stumpgrinding operation in accordance with instructions or specification, manufacturer's guidance and industry good practice.

**Operational considerations**

Considerations for discussion to include:

- Stump preparation including condition and foreign bodies
- Protection of third parties
- Dealing with larger stumps

Demonstrate knowledge of the environmental and public hazard considerations relating to stumpgrinding operations.