

Technical Evaluation Record



QUALIFICATION:	L2 Award in the Safe use of a Manually Fed Wood-Chipper	Qualification Code:	Integrated: 0020-57 Independent: 0020-58				
		Units:	222				
Assessor Name:		Technical Verifier Name:					
Assessor No: NEW? DOB:		Technical Verifier No:					
Assessor Email:		Start Time:					
Invoice To: (Include Centre name if applicable)		End Time:					
CRITERIA: (See Qualification guidance)		PERFORMANCE EVALUATION (Circle):	COMMENTS:				
Health and Safety legislation and requirements explained		1	2	3	4	5	
Site-Specific Risk Assessment completed State the emergency planning procedures		1	2	3	4	5	
Show knowledge and experience of a range of machines and cutting mechanisms		1	2	3	4	5	
Select and use appropriate PPE		1	2	3	4	5	
Identify guards, explain meaning of decals, identify and explain use of all controls and safety features		1	2	3	4	5	
Carry out routine maintenance on the wood chipper		1	2	3	4	5	
Removal and replacement of a blade		1	2	3	4	5	
Prepare the chipper for transport and check for roadworthiness		1	2	3	4	5	
State factors to consider when manoeuvring a range of chippers into the work position		1	2	3	4	5	
Ensure that the site is safe for the operation of a wood chipper		1	2	3	4	5	
State precautions to be observed when working adjacent to highways/public areas and on slopes		1	2	3	4	5	
Knowledge of timber presentation & preparation		1	2	3	4	5	
Test start the machine and check for correct operation		1	2	3	4	5	
Carry out the chipping operation in accordance with instructions or specification		1	2	3	4	5	
State how to clear machine blockages		1	2	3	4	5	
Describe cleaning, post operative checks & storage		1	2	3	4	5	
State the environmental and public hazard considerations when discharging/storing woodchips		1	2	3	4	5	
Assessment technique		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)					72
	FAIL						

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
- New Road and Street Works Act

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.

Knowledge and experience of a range of machines

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

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 of a woodchipper.

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 mechanisms

Demonstrate knowledge of commonly available cutter mechanisms (minimum three different types), its function, inspection and maintenance.

Chipper blades

Demonstrate knowledge of commonly available types of chipper blades (minimum three different types) e.g. Single sided, double sided, rotatable.

Specific reference is to be made to the inspection and maintenance of anvils.

Applicant to remove and replace/refit at least one blade, 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 woodchippers

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 types e.g.:

- Trailed
- Self-propelled
- Vehicle mounted

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

Operational considerations

Considerations for discussion to include:

- Material preparation and processing including timber condition, foreign bodies and hazards presented to an

operator from a range of material e.g. long length, larger diameter material, dead, thorny.

- Protection of third parties
- Dealing with machine blockages
- Working close to/within the highway

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