Technical Evaluation Record

QUALIFICATION:	Access a tree using a rope and harness and perform aerial rescue/Tree Climbing & Rescue	**Qualification Code:**	0020-07 & 0020-13
		Units:	206 306
Assessor Name:		**Technical Verifier Name:**	
Assessor No: New Assessor? DOB:		**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:**
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 and current Industry good practice	1	2	3	4	5	
Knowledge and experience of professional work environment	1	2	3	4	5	
Knowledge of wide range of PPE and work equipment	1	2	3	4	5	
Accurate assessment of site and trees to be climbed including identifying species hazardous to climb	1	2	3	4	5	
Access into tree	1	2	3	4	5	
Choice and use of anchor points	1	2	3	4	5	
Work positioning techniques	1	2	3	4	5	
Safe, efficient movement in the tree	1	2	3	4	5	
Knowledge of Aerial Rescue techniques and procedures	1	2	3	4	5	
Knowledge of basic casualty management	1	2	3	4	5	
Demonstration of **4** rescue methods	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)**	**52**
	FAIL		

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 examples are intended to provide guidance only; they are not an exhaustive list of requirements for technical evaluation, but are designed to highlight the level of knowledge expected for particular topics.

A thorough understanding of tree climbing operations and aerial rescue techniques must be demonstrated.

Knowledge of the working environment must also be demonstrated. This should cover a range, from amenity, utility and domestic work sites.

Legislation and environmental considerations

The person being evaluated should have a working knowledge of the following:

- Health and Safety at Work etc. Act 1974 (HASAWA)
- Management of Health and Safety at Work Regulations 1999 (MHSWR)
- Provision and Use of Work Equipment Regulations 1998 (PUWER)
- Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
- Personal Protective Equipment at Work Regulations 1992 (PPE regs)
- Manual Handling Operations Regulations 1992
- Control Of Substances Hazardous to Health Regulations (COSHH)
- The Health and Safety (First-Aid) Regulations 1981
- Reporting of Injuries Diseases Dangerous Occurrence Regulations (RIDDOR)
- Industry Code of Practice: Tree Work at Height
- Work at Height Regulations 2005
- Wildlife and Countryside Act
- Countryside and Rights of Way Act 2000
- European Protected Species Directive 2007

Knowledge must be demonstrated of Risk Assessment, First Aid, PPE, and PUWER regulation 9. This should also include detailed knowledge of PPE applicable to tree climbing operations.
Familiarity with AFAG guidance and the Guide to Good Climbing Practice (AA/HSE) must be demonstrated. Also, specific legal requirements for carrying out work on site, for example, TPOs must be understood.
Familiarity with environmental legislation e.g. Countryside and Wildlife Act, Countryside Rights of Way.

Accurate assessment of site and trees to be climbed

- Size, shape, form
- Species – the tree to be climbed and 1 other
- Timber characteristics

Access a tree using a rope and harness –
Evidence for a successful evaluation should include:
Preparation

Accurate and comprehensive risk assessment

- Applicants will be required to carry out a site specific risk assessment
- Familiarity with the professional arboricultural environment
- Visual Tree Inspection of individual trees to be climbed taking into account all relevant factors
- Detailed knowledge of the properties of different types of timber/tree species.

Familiarity with a range of different tree climbing equipment
Recognition of the most common tree climbing equipment, inspection intervals and techniques **without** reference to product information.

Tree climbing harnesses

- Variations e.g. Full body, work-position
- Attachment points e.g. Side, front (fixed and sliding) and sub-pelvic

Ropes and cordage

- Assessor to identify **3** common rope constructions and diameters

Connectors

- Assessor to identify **3** common types of connectors

Accessories for tree climbing operations

- Assessor to identify **5** tree climbing accessories

The Assessor will be expected to show evidence of compliance with LOLER.

Demonstrate and have knowledge of a range of tree climbing techniques including;

- Basic three knot system
- Conventional Climbing system comprising of– ropes, karabiners, friction hitches/devices
- Set up an alternative to the basic climbing system e.g. Distel, VT, Schwabish etc.
- Footlock (single and double line), assisted ascent system
- Climbing aids – throwlines inc. installation of cambium saver, spikes
- Tree climbing and work positioning techniques

Aerial rescue techniques including

- 2 treecrown (conscious and unconscious)

Rescue **A** Undamaged rope
Rescue **B** Damaged rope

- 2 pole rescues (2 person and 3 person)
- Knowledge of MEWP rescue

Knowledge of basic casualty management.

- Initial assessment
- First aid
- Basic life support