

Technical Evaluation Record

v2 Sept25

NPTC
by City & Guilds

QUALIFICATION:	Utility Arboriculture – Assisted Tree Felling	Qualification Code:	0038-34					
		Units:	305					
Assessor Name:		Technical Verifier Name:						
Assessor BP No: NEW? DOB:		Technical Verifier BP No:						
Assessor Email:		Start Time:						
Invoice To: (Include Centre name if applicable)		End Time:						
CRITERIA: (See guidance notes on next sheet)		PERFORMANCE EVALUATION (Circle):					JUSTIFICATION:	
Risk Assessment, legal and environmental considerations		1	2	3	4	5		
Sources of industry good practice guides & standards		1	2	3	4	5		
Records required for management and legislative purposes and the importance of maintaining them		1	2	3	4	5		
Accurate assessment of sites, categorization of trees to be felled and recognized procedures		1	2	3	4	5		
Insulated rods, electrical testing, inspection care and use		1	2	3	4	5		
Electrical network inspection, fault recognition		1	2	3	4	5		
Appropriate actions to be taken should the tree become hung-up		1	2	3	4	5		
Configurations for fell restraint systems, additional equipment & techniques		1	2	3	4	5		
Fell trees within proximity of the overhead line, one and two rope systems demonstrated		1	2	3	4	5		
Processing, site clear up and arising disposal options		1	2	3	4	5		
PERFORMANCE EVALUATION COLUMN TOTALS:							= TOTAL SCORE:	
Result of Technical Evaluation (tick):	MET	TOTAL SCORE REQUIRED TO ACHIEVE ASSESSOR STATUS: (NB. ACHIEVED IN PERFORMANCE EVALUATION COLUMNS 4 & 5 ONLY)						40
	NOT MET							
TECHNICAL VERIFIER COMMENTS								
<i>Please continue on reverse if necessary</i>								
ASSESSOR COMMENTS:								
<i>Please continue on reverse if necessary</i>								

AGREED ACTION PLAN

TECHNICAL VERIFIER SIGNATURE:

ASSESSOR SIGNATURE:

DATE:

Cost:

**Full day £300
Half day £200**

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.

Knowledge of the working environment must also be demonstrated. This should cover a range of utility work sites, including live and dead working.

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)
- The Electricity Safety, Quality and Continuity Regulations 2002 and 2009 amended
- Electricity at Work Regulations 1989
- Personal Protective Equipment at Work Regulations 1992 (PPE Regulations)
- AFAG/FISA Guides
- Manual Handling Operations Regulations 1992
- The Health and Safety (First Aid) Regulations 1981
- Reporting of Injuries Diseases Dangerous Occurrence Regulations (RIDDOR)
- ENA-TS 43-8
- ENA Electrical Technical Reports (ETR) 132 and 136
- HSE Guidance notes GS6 and HSG47 and HSG 85
- Electricity Supply Industry Safety Rules
- Electricity Supply Industry Engineering Recommendation G55 and BS EN 50110-1
- New Roads and Street Works Act (NRSWA)
- Provision and use of Work Equipment Regulations 1998 (PUWER)
- Wildlife and Countryside Act 1981
- Countryside and Rights of Way Act 2000
- Conservation of Habitats and Species Regulations 2010
- Natural Environment and Rural Communities Act 2006
- Forestry Act 1967
- European Protected Species Directive 2007

knowledge of PPE and DNO safety Rules applicable to Arboriculture operations in vicinity of Electricity Distribution Networks must be demonstrated.

Familiarity of arboriculture standards e.g., BS3998.

Accurate assessment of site

- Applicants will be required to carry out a site-specific risk assessment in vicinity of an overhead line (can be a simulated line).

Knowledge and experience

Applicants will be questioned on their background, and practical experience of assisted felling techniques in utility arboriculture.

Accurate assessment of site and tree categories

Applicants will need to be able to carry out accurate assessment of the site and the trees felled, including safe procedures for work.

Applicant will be expected to demonstrate knowledge relating to:

- Selecting appropriate tools & equipment.
- Selecting attachment points/anchors for non-return felling
- Communication methods between parties involved in the felling operation

Practical demonstration:

Applicants will need to be able to demonstrate and have practical ability dealing with the following scenarios

- Use of insulated rods and hook attachment to install restraint rope
- Set up a single and two rope non-return system
- Demonstrate use of holding cuts and felling aids
- Accurately fell and process trees over 200mm using a chainsaw at a safe and efficient speed