

Technical Evaluation Record v.1 Jan 2016



QUALIFICATION:	Utility Arboriculture – Basic Electrical Knowledge	Qualification Code:	AUA10			
		Units:	UA1.1 and UA1.2			
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:			
Knowledge of Health and Safety legislation	1	2	3	4	5	
Risk Assessment, legal and environmental considerations	1	2	3	4	5	
Risk Assessments :generic, site specific and electrical	1	2	3	4	5	
Knowledge and experience of professional work environment on Utility Arb sites within DNO or contractual.	1	2	3	4	5	
Accurate assessment of sites, categorization of trees to be pruned and staff competencies	1	2	3	4	5	
Knowledge of DNO Safety Rules, safety guides and current Industry good practice	1	2	3	4	5	
Knowledge of the Emergency actions required following contact by either machinery, trees, equipment, or personnel with live electrical plat or equipment in overhead or underground situations	1	2	3	4	5	
Understanding of Isolation, Earthing and Safety documentation	1	2	3	4	5	
Show an up to date knowledge and identification of Electrical components and the risks involved when working adjacent	1	2	3	4	5	
Show an up to date knowledge &/or demonstrate a Portfolio showing a range of good quality photographs or pictures of electrical plant and components	1	2	3	4	5	
Understand and identify tree categories and proximity zones	1	2	3	4	5	
Knowledge of dangers and safety factors when working in live zone and vicinity zone	1	2	3	4	5	
Techniques to ascertain tree clearances and conductor heights	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						

ASSESSOR COMMENTS:

Please continue on reverse if necessary

AGREED ACTION PLAN

TECHNICAL VERIFIER SIGNATURE:

ASSESSOR SIGNATURE:

Cost:
£200 Half Day
£300 Full Day

Date:

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.

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)
- 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 Guides 301,401,403
- 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)
- Work at Height Regulations 2005
- 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 GS55/2 and BS EN 50110-1
- New Roads and Street Works Act (NRSWA)
- Provision and use of Work Equipment Regulations 1998 (PUWER)
- Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
- Wildlife and Countryside Act
- Wildlife and Countryside (Amendment) Act 1991
- 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 must be demonstrated of Risk Assessment, First Aid, PPE, and PUWER regulation 9. This should also include detailed knowledge of PPE and DNO safety Rules applicable to Arboriculture operations in vicinity of Electricity Distribution Networks.

Familiarity of arboriculture pruning standards e.g. BS3998, European Tree Pruning Guide (AA/EAC).

Familiarity with environmental legislation e.g. Countryside and Wildlife Act, Countryside Rights of Way.

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).