



City & Guilds Level 3 Certificate of Competence in Aerial Tree Pruning (0039-31)

September 2025 Version 1.5

Assessment Pack – Centre and Candidate Version

| Version and date | Change detail | Section |
|--------------------|--|---|
| 1.0 | First version | |
| 1.1 August 2021 | Assessor instructions updated | Introduction |
| 1.2 October 2021 | AO name added to qualification title | Throughout |
| 1.3 September 2022 | Formatting changes Updated logo Updated 'Sources of general information' | Throughout Front cover Appendix 2 |
| 1.4 March 2025 | Formatting changes | Throughout |
| 1.5 September 2025 | ROA paragraph updated, reference to ARAS form removed. | Introduction |

Contents

| | |
|--|-----------|
| Introduction | 4 |
| 302 Aerial tree pruning | 5 |
| Appendix 1 Practical table | 10 |
| 302 - Aerial tree pruning | 10 |
| Appendix 2 Sources of general information | 11 |

Introduction

This assessment relates to the unit in the Qualification handbook. The assessment can be achieved at pass only. If any task is not yet met the candidate is unsuccessful.

This assessment is for unit 302 Aerial tree pruning covering the following learning outcomes:

1. Carry out aerial tree pruning

General guidance on the requirements for assessment can be found in the Assessor Guidance document available on the City & Guilds web site **www.nptc.org.uk**

The assessor must complete the Practical Table mark sheet for each candidate which should be kept by the assessor for a minimum period of twelve months.

Record of assessment (ROA)

A prepopulated record of assessment must be completed by the assessor following an assessment and returned to the centre within two working days.

Assessment Time

The expected assessment time for this qualification is 3.5 – 4 hours.

Site/workshop requirements:

Trees of sufficient size and form to enable all assessment criteria to be assessed

Equipment/Machinery:

LOLER compliant Mobile Elevated Work Platform (MEWP) if used

LOLER compliant climbing equipment with documented evidence, for the Candidate and the Assessor

Top handled or rear handled Chainsaw (max guide bar 15 inch) with maintenance tools

Hand pruning tools

First aid kit

Consumables:

Fuel and chainsaw oil

This is not an open book assessment, however additional technical information may be sought from the relevant manufacturer's operator manuals or any other appropriate training or safety publication.

Practical observation descriptor table

302 Aerial tree pruning

| Activity number and description from check list | | Assessment criteria |
|---|---|---|
| 1. | Identify the hazards, risks and controls associated with the site, task and machine | Identify hazards, risks and controls relevant to the site task and machine |
| 2. | Explain the emergency procedures relevant to the site | Emergency procedures relevant to the work site |
| 3. | State industry guides relevant to aerial tree pruning | Industry guides relevant to aerial tree pruning: <ul style="list-style-type: none"> • AA Technical Guide 1 Tree climbing and aerial rescue • AA Technical Guide 2 Use of tools in a tree • AA Technical Guide 5 Use of Mobile elevating work platforms in tree work • Tree work recommendations BS3998 |
| 4. | Describe the potential environmental damage that could occur and how to respond appropriately | Potential environmental damage may include: <ul style="list-style-type: none"> • damage to retained trees • contamination of watercourses • wildlife disturbance Appropriate responses may include: <ul style="list-style-type: none"> • containment and clearance of spills • good housekeeping, use of spill mats • work sequence chosen to minimise subsequent damage to retained trees • wildlife assessments completed prior to work • other |
| 5. | Describe site zoning in relation to on site preparation | Work site layout factors to consider may include: <ul style="list-style-type: none"> • work zone: an area where hazards may be encountered • drop zone: an area where it is anticipated materials may fall • exclusion zone: the overall operational area • other |

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| 6. | Perform a tree condition assessment of the tree and work at height assessment prior to commencing the work | <p>Potential hazards that may be encountered may include:</p> <ul style="list-style-type: none"> • evidence of cavities, decay or decay fungi • deadwood and broken branches • dead or flaking bark • v shaped unions • cracks • nesting insects • the presence of power lines or telephone wires • targets and obstacles underneath the tree |
| 7. | Discuss a working at height assessment | <p>Working at height assessment may include:</p> <ul style="list-style-type: none"> • can the work be carried out from ground level • the use of a Mobile Elevating Work Platform (MEWP) to prevent a fall • The use of suitable equipment minimises the distance and consequence of a fall |
| 8. | Explain how the species, condition of trees and time of year affect the work | <p>Species, condition of tree and time of year may affect the work owing to:</p> <p>Species:</p> <ul style="list-style-type: none"> • brittle timber – loss of control • responses to pruning • other <p>Condition:</p> <ul style="list-style-type: none"> • dead – loss of control, safety compromised • diseased – biosecurity measures • other <p>Time of year:</p> <ul style="list-style-type: none"> • some species bleed heavily if pruned at certain times of year • promotion of subsequent disease or infection • other |
| 9. | Explain the basic principles of target pruning and the effect on tree pruning operations | <p>Basic principles of target pruning are to:</p> <ul style="list-style-type: none"> • simulate the trees natural ability to shed branches • leaves the branch bark ridge and collar intact • allow complete doughnut of callus wood to form • allow protection boundary to develop inside collar • cuts carried out in accordance with industry standard and job specification • other |

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| 10. | Explain the precautions that may be taken during re-pollarding of trees | <p>Additional safeguards during re-pollarding of trees could include:</p> <ul style="list-style-type: none"> • use of supplementary anchor points owing to the possibility of weak branch unions • the use of alternative cutting techniques owing to potentially excessive tension and compression in timber i.e. v cut, holding cut • use of false anchor to facilitate movement • other |
| 11. | Explain the importance of accurate and appropriate cuts when removing branch material | <p>Importance of accurate and appropriate cuts when removing branch material may include:</p> <ul style="list-style-type: none"> • control • preventing splitting • preventing tearing • job specification BS3998 are met • other |
| 12. | Evaluate the advantages and disadvantages of pruning tools to the selected pruning operations | <p>Pole set:</p> <ul style="list-style-type: none"> • advantage - light work can be carried out from the ground • disadvantage - may be hard to maintain correct angle for correct target pruning <p>Hand saw:</p> <ul style="list-style-type: none"> • advantage - accurate and neater cuts achieved • disadvantage - can be hard work in large branches <p>Secateurs:</p> <ul style="list-style-type: none"> • advantage - make a cleaner neater cut • disadvantage - can get stuck into larger branches <p>Hand loppers:</p> <ul style="list-style-type: none"> • advantage - can be designed with mechanical advantage for operator ease • disadvantage – two-handed operation <p>Chainsaw:</p> <ul style="list-style-type: none"> • advantage - can be used on much larger diameter timber • disadvantage - inherent risk to operator |
| 13. | Inspect all access/tree climbing equipment to ensure it is safe and fit for use under manufacturer's instructions and relevant legislation | <p>Candidate to inspect all equipment to be used and comment on the condition/checks made.</p> |

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| 14. | Use access and positioning methods appropriate to the tree | <p>All anchor points selected taking into consideration:</p> <ul style="list-style-type: none"> • size, strength and structure • position in relation to the parts of the tree to be accessed • use of equipment to minimise damage to the tree if appropriate <p>Candidate establishes their initial anchor points taking into account:</p> <ul style="list-style-type: none"> • suitability of the techniques used • accurate installation of equipment • organisation of ropes • safety and position of the anchor points • testing of the anchor points by thorough loading prior to ascent <p>Technique used takes into account:</p> <ul style="list-style-type: none"> • efficient use of technique chosen • Operator is attached to the tree at all times in accordance with industry good practice • appropriate selection of anchor points • appropriate route taken up the tree • correct use of systems when changing anchor points • thorough load testing of new anchor points • risk of a fall is managed at all times • correct use of equipment <p>If applicable access and climb tree to anchor points of suitable height and strength in accordance with AA guide TG1.</p> <p>An appropriate MEWP if applicable is set up and used in accordance with AA technical guide TG 5.</p> |
| 15. | Carry out pruning operations in accordance with industry good practice | <p>Crown reduction pruning:</p> <p>The tree is reduced to the agreed specification, taking into account:</p> <ul style="list-style-type: none"> • sequence of operations • route within the tree crown • communication and control of ground staff • selection of branches for removal • selection of appropriate pruning tool for branch removal • removal of dead, dying and diseased material as appropriate • branches reduced to suitable growth points • height and/ or spread of the tree is reduced to leave a balanced crown • appropriate structure for future crown development • the extent of the work is not to exceed the tolerance of the tree species • accuracy of cuts • position of final pruning cuts • avoidance of damage to the retained parts of the tree • avoidance of damage to surrounding features • no cut branches left hanging in the tree • overall quality of reduction to pruning/job specification • crown density reduced within the tolerance of the tree species |

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| | | <p>Crown thinning: The tree is thinned to the agreed specification, taking into account:</p> <ul style="list-style-type: none"> • sequence of operations • route within the tree crown • communication and control of ground staff • selection of branches for removal • selection of appropriate pruning tool for branch removal • removal of dead, dying, diseased, crossing and rubbing material as appropriate • uniform removal of branches • crown density reduced within the tolerance of the tree species • general overall size and shape of the tree retained • accuracy of cuts • position of final pruning cuts • avoidance of damage to the retained parts of the tree • avoidance of damage to surrounding features • no cut branches left hanging in the tree |
| 16. | Check all arising's are dropped/thrown into planned drop zone without compromising the access equipment or damage any infrastructure | <p>Drop zone used ensuring:</p> <ul style="list-style-type: none"> • no hanging branches left within tree • access equipment is not compromised/damaged • infrastructure is not damaged |
| 17. | Dispose of waste in line with work specification | All waste produced from activities is disposed of in line with legislation, good practice and/or site requirements |
| 18. | Communicate appropriately with ground staff | Communication between climber and ground staff maintained when appropriate |
| 19. | Applied pruning specification | Pruning specifications executed as per industry good practice and job specification |
| 20. | Used appropriate tools, equipment and personal protective equipment (PPE) | All tools, equipment and personal protective equipment is used in line with industry good practice |
| 21. | Carried out work to minimise environmental damage | It is ensured that any possible environmental damage is minimised at all times |
| 22. | Worked in a way which maintains health and safety and is consistent with relevant legislation and industry good practice | All activities must be completed in a way which protects the operator and those around them |

Appendix 1 Practical table

302 - Aerial tree pruning

All criteria must be achieved.

| Activity number and description | Achieved |
|--|----------|
| 1. Identify the hazards, risks and controls associated with the site, task and machine | |
| 2. Explain the emergency procedures relevant to the site | |
| 3. State industry guides relevant to aerial tree pruning | |
| 4. Describe the potential environmental damage that could occur and how to respond appropriately | |
| 5. Describe site zoning in relation to on site preparation | |
| 6. Perform a tree condition assessment of the tree and work at height assessment prior to commencing the work | |
| 7. Discuss a working at height assessment | |
| 8. Explain how the species, condition of trees and time of year affect the work | |
| 9. Explain the basic principles of target pruning and the effect on tree pruning operations | |
| 10. Explain the precautions that may be taken during re-pollarding of trees | |
| 11. Explain the importance of accurate and appropriate cuts when removing branch material | |
| 12. Evaluate the advantages and disadvantages of pruning tools to the selected pruning operations | |
| 13. Inspect all access/tree climbing equipment to ensure it is safe and fit for use under manufacturer's instructions and relevant legislation | |
| 14. Use access and positioning methods appropriate to the tree | |
| 15. Carry out pruning operations in accordance with industry good practice | |
| 16. Check all arising's are dropped/thrown into planned drop zone without compromising the access equipment or damage any infrastructure | |
| 17. Dispose of waste in line with work specification | |
| 18. Communicate appropriately with ground staff | |
| 19. Applied pruning specification | |
| 20. Used appropriate tools, equipment and personal protective equipment (PPE) | |
| 21. Carried out work to minimise environmental damage | |
| 22. Worked in a way which maintains health and safety and is consistent with relevant legislation and industry good practice | |

Appendix 2 Sources of general information

The following documents contain essential information for centres delivering City & Guilds qualifications. To download the documents and to find other useful documents, go to the **Centre Document Library** on www.cityandguilds.com or click on the links below:

Quality Assurance Standards: Centre Handbook

This document is for all approved centres and provides guidance to support their delivery of our qualifications. It includes information on

- Centre quality assurance criteria and monitoring activities
- Administration and assessment systems
- Centre-facing support teams at City & Guilds / ILM
- Centre quality assurance roles and responsibilities.

The Centre Handbook should be used to ensure compliance with the terms and conditions of the Centre Contract.

Quality Assurance Standards: Centre Assessment

This document sets out the minimum common quality assurance requirements for our regulated and non-regulated qualifications that feature centre assessed components. Specific guidance will also be included in relevant qualification handbooks and/or assessment documentation.

It incorporates our expectations for centre internal quality assurance and the external quality assurance methods we use to ensure that assessment standards are met and upheld. It also details the range of sanctions that may be put in place when centres do not comply with our requirements, or actions that will be taken to align centre marking/assessment to required standards. Additionally, it provides detailed guidance on the secure and valid administration of centre-assessments.

Access arrangements - When and how applications need to be made to City & Guilds

provides full details of the arrangements that may be made to facilitate access to assessments and qualifications for candidates who are eligible for adjustments in assessment.

The **Centre Document Library** also contains useful information on such things as:

- Conducting examinations
- Registering learners
- Appeals and malpractice

Useful contacts

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City & Guilds
Giltspur House
5-6 Giltspur Street
London
EC1A 9DE

cityandguilds.com