

Level 2 Diploma in Work Based Trees and Timber (0083-71, 72, 73)

Candidate logbook



www.cityandguilds.com
Version 2.1
September 2015

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1 About your candidate logbook

1.1 Contact details

Candidate name	
Candidate enrolment no	
Centre name	
Centre number	
Programme start date	
Date of registration with City & Guilds	

Keep a record of relevant contact details in the space provided below. You may find it helpful to make a note of phone numbers and e-mail addresses here.

Your Assessor(s)	
Your Internal Verifier	
Quality Assurance Contact	

1 About your candidate logbook

1.2 Introduction to the logbook

This logbook will help you complete the units in City & Guilds' **Level 2 Diploma in Work Based Trees and Timber (0083-71, 72, 73)**. It contains forms you can use to record your evidence of what you have done.

There are 81 units in total available in this qualification. You should discuss and agree with your assessor/tutor which of these units you are going to work towards. The units in this logbook are for the Level 2 qualification.

About City & Guilds

City & Guilds is your awarding body for this qualification. City & Guilds is the UK's leading awarding body for vocational qualifications.

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2 Units

To achieve the **Level 2 Diploma in Trees and Timber (Arboriculture)**, learners must achieve **21** credits from the mandatory units and a minimum of **14** credits from the optional units in group 1 and learners may achieve a minimum of **1** credit from group 2

City & Guilds unit	Unit title	Credit value
Mandatory group		
411	Support colleagues undertaking off ground tree related operations	3
413	Process arising from tree work operations	1
427	Carry out maintenance of chainsaw and cutting system	2
435	Identify tree species and their properties	5
438	Fell and process trees up to 380mm	3
439	Control pollution incidents	5
450	Cross-cut timber using a chainsaw	1
456	Monitoring and maintaining health and safety	3
Optional group 1		
402	Carry out vegetation management in proximity to above ground utilities	5
406	Control unwanted vegetation	3
407	Use of machine powered winches in timber work	5
408	Prepare sites for planting	2
409	Prepare and produce charcoal	3
414	Prepare, drive and manoeuvre forwarder	5
415	Promote responsible public use of the environment	4
418	Process coppice materials and greenwood products	4
419	Sharpen and maintain edged hand tools	2
420	Extract wood and wood products using small motorised equipment	4
421	Access a tree using a rope and harness	3
424	Use a powered pole pruner	2
428	Remove branches and breakdown crowns using a chainsaw	2
429	Cut, process and extract coppice	4
430	Choker timber for extraction	2
433	Carry out vegetation management in proximity of underground utilities	5
442	Treat and dispose of stumps and roots	1
443	Resolve customer service problems	6
444	Safe use of a mobile elevated work platform	2
445	Prepare horse for timber work	2
446	Plant trees	3
448	Clear sites for planting	1

449	Prepare a safe working area for tree work operations	2
452	Soil amelioration for tree health	2
453	Take delivery of and store plants and materials	3
455	Operate a grapple loader	1
458	Produce wood fuel in a woodland or forest	5
472	Dispose of stumps and roots	1
510	Prepare for and agree emergency tree work operations	8
511	Lay a hedge	3
512	Extract timber using a horse	4
520	Carry out aerial pruning of a tree	3
525	Sever uprooted or windblown trees using a chainsaw	5
541	Carry out aerial rescue operations	3
	Optional group 2	
401	Control pests, diseases and disorders	3
403	Construct, maintain and repair stone wall boundaries	4
405	Control vertebrate pests and predators by shooting	6
410	Construct, maintain and repair stone pitched paths	4
417	Control vertebrate pest populations using chemical means	6
422	Maintaining plants outdoors	3
425	Identify and report the presence of pests, diseases and disorders	3
431	Work with and consult the local community	3
436	Communicate with the public and others	3
443	Resolve customer service problems	6
457	Control vertebrate pests and predators using traps	6
460	Construct, maintain and repair stiles	4
463	Construct, maintain and repair post and wire fence boundaries	4
464	Construct, maintain and repair post and rail boundaries	4
465	Construct, maintain and repair banks	4
466	Construct, maintain and repair access gates	4
467	Construct, maintain and repair reinforced paths	4
468	Construct, maintain and repair flag paths	4
469	Construct, maintain and repair boardwalks	4
470	Construct, maintain and repair bark paths	4
471	Construct, maintain and repair aggregate paths	4
530	Prepare deer for human consumption	6
547	Plan, allocate and monitor work of a team	5

To achieve the **Level 2 Diploma in Work-based Trees and Timber (General Woodland and Forestry Treework)**, learners must achieve **16** credits from the mandatory units, a minimum of **12** credits from optional group 1 and learners may achieve a minimum of **9** credit from optional group 2.

City & Guilds unit	Unit title	Credit value
Mandatory group		
425	Identify and report the presence of pests, diseases and disorders	3
435	Identify tree species and their properties	5
439	Control pollution incidents	5
456	Monitoring and maintaining health and safety	3
Optional group 1		
402	Carry out vegetation management in proximity to above ground utilities	5
406	Control unwanted vegetation	3
407	Use of machine powered winches in timber work	5
408	Prepare sites for planting	2
409	Prepare and produce charcoal	3
411	Support colleagues undertaking off ground tree related operations	3
412	Create an open drainage system	3
413	Process arising from tree work operations	1
414	Prepare, drive and manoeuvre forwarder	5
418	Process coppice materials and greenwood products	4
419	Sharpen and maintain edged hand tools	2
420	Extract wood and wood products using small motorised equipment	4
421	Access a tree using a rope and harness	3
424	Use a powered pole pruner	2
427	Carry out maintenance of chainsaw and cutting system	2
428	Remove branches and breakdown crowns using a chainsaw	2
429	Cut, process and extract coppice	4
430	Choker timber for extraction	2
433	Carry out vegetation management in proximity of underground utilities	5
434	Prepare and operate machinery to process trees	5
438	Fell and process trees up to 380mm	3
440	Build and maintain tools and devices to process coppice and greenwood products	3
441	Maintain coppice health and productivity	4
442	Treat and dispose of stumps and roots	1
444	Safe use of a mobile elevated work platform	2
445	Prepare horse for timber work	3
446	Plant trees	2
447	Prepare and operate hand fed machinery to process timber on site	5
448	Clear sites for planting	2
449	Prepare a safe working area for tree work operations	3
450	Cross-cut timber using a chainsaw	1

451	Maintain open drainage systems	3
452	Soil amelioration for tree health	1
453	Take delivery of and store plants and materials	2
454	Prepare, drive and operate a skidder	5
455	Operate a grapple loader	2
458	Produce wood fuel in a woodland or forest	3
459	Prepare and operate machinery to fell trees	5
461	Carry out non chemical post-planting protection and maintenance	2
462	Principles of forest and moorland fire fighting	2
472	Dispose of stumps and roots	1
507	Construct a greenwood product to client specification	8
510	Prepare for and agree emergency tree work operations	5
511	Lay a hedge	4
512	Extract timber using a horse	8
520	Carry out aerial pruning of a tree	3
525	Sever uprooted or windblown trees using a chainsaw	4
541	Carry out aerial rescue operations	3
	Optional group 2	4
401	Control pests, diseases and disorders	3
402	Carry out vegetation management in proximity to above ground utilities	5
403	Construct, maintain and repair stone wall boundaries	4
404	Construct, maintain and repair fords	3
405	Control vertebrate pests and predators by shooting	6
410	Construct, maintain and repair stone pitched paths	4
415	Promote responsible public use of the environment	4
416	Construct, maintain and repair signs/way markers	3
417	Control vertebrate pest populations using chemical means	6
422	Maintaining plants outdoors	3
423	Site and install site furniture and structures	2
426	Construct, maintain and repair simple bridges	3
431	Work with and consult the local community	3
432	Maintain and repair site furniture and structures	3
436	Communicate with the public and others	3
437	Construct, maintain and repair steps	3
443	Resolve customer service problems	6
457	Control vertebrate pests and predators using traps	6
460	Construct, maintain and repair stiles	4
463	Construct, maintain and repair post and wire fence boundaries	4
464	Construct, maintain and repair post and rail boundaries	4
465	Construct, maintain and repair banks	4
466	Construct, maintain and repair access gates	4
467	Construct, maintain and repair reinforced paths	4
468	Construct, maintain and repair flag paths	4

469	Construct, maintain and repair boardwalks	4
470	Construct, maintain and repair bark paths	4
471	Construct, maintain and repair aggregate paths	4
530	Prepare deer for human consumption	6
547	Plan, allocate and monitor work of a team	5

To achieve the **Level 2 Diploma in Work-based Trees and Timber (Coppicing and Greenwood Trades)**, learners must achieve **27** credits from the mandatory units, a minimum of **10** credits from optional units in group 1 and learners may achieve a minimum of **1** credit from optional units in group 2.

City & Guilds unit	Unit title	Credit value
Mandatory group		
418	Process coppice materials and greenwood products	4
419	Sharpen and maintain edged hand tools	2
429	Cut, process and extract coppice	4
435	Identify tree species and their properties	5
438	Fell and process trees up to 380mm	3
439	Control pollution incidents	5
450	Cross-cut timber using a chainsaw	1
456	Monitoring and maintaining health and safety	3
Optional group 1		
406	Control unwanted vegetation	3
407	Use of machine powered winches in timber work	5
409	Prepare and produce charcoal	3
414	Prepare, drive and manoeuvre forwarder	5
420	Extract wood and wood products using small motorised equipment	4
424	Use a powered pole pruner	2
427	Carry out maintenance of chainsaw and cutting system	2
428	Remove branches and breakdown crowns using a chainsaw	2
430	Choker timber for extraction	2
440	Build and maintain tools and devices to process coppice and greenwood products	3
441	Maintain coppice health and productivity	4
444	Safe use of a mobile elevated work platform	2
453	Take delivery of and store plants and materials	2
454	Prepare, drive and operate a skidder	5
455	Operate a grapple loader	2
458	Produce wood fuel in a woodland or forest	3
462	Principles of forest and moorland fire fighting	2
507	Construct a greenwood product to client specification	8
512	Extract timber using a horse	8
525	Sever uprooted or windblown trees using a chainsaw	4
Optional group 2		

401	Control pests, diseases and disorders	3
403	Construct, maintain and repair stone wall boundaries	4
405	Control vertebrate pests and predators by shooting	6
410	Construct, maintain and repair stone pitched paths	4
415	Promote responsible public use of the environment	4
416	Construct, maintain and repair signs/way markers	3
417	Control vertebrate pest populations using chemical means	6
422	Maintaining plants outdoors	3
423	Site and install site furniture and structures	2
425	Identify and report the presence of pests, diseases and disorders	3
426	Construct, maintain and repair simple bridges	3
431	Work with and consult the local community	3
432	Maintain and repair site furniture and structures	3
436	Communicate with the public and others	3
437	Construct, maintain and repair steps	3
443	Resolve customer service problems	6
445	Prepare horse for timber work	3
446	Plant trees	2
447	Prepare and operate hand fed machinery to process timber on site	5
448	Clear sites for planting	2
449	Prepare a safe working area for tree work operations	3
457	Control vertebrate pests and predators using traps	6
460	Construct, maintain and repair stiles	4
463	Construct, maintain and repair post and wire fence boundaries	4
464	Construct, maintain and repair post and rail boundaries	4
465	Construct, maintain and repair banks	4
466	Construct, maintain and repair access gates	4
467	Construct, maintain and repair reinforced paths	4
469	Construct, maintain and repair boardwalks	4
470	Construct, maintain and repair bark paths	4
471	Construct, maintain and repair aggregate paths	4
511	Lay a hedge	4
512	Extract timber using a horse	8
525	Sever uprooted or windblown trees using a chainsaw	4

3 The assessment process

Simulation is allowed in some of the units in this qualification. Where simulation is needed this must be agreed with your external verifier in advance to ensure validity. Candidates should be assessed under normal workplace conditions. However, there are situations where the actual workplace may not be appropriate, or where waiting for naturally occurring evidence is impractical. Therefore, the setting up or devising of assessment situations will be allowed where appropriate.

The following people at your centre will explain the assessment process and help you achieve your unit(s).

The assessor/tutor

The assessor/tutor is the person you will have the most contact with as you work towards your unit(s). You may have more than one assessor/tutor depending on which unit(s) you take or you may be assessed by a person who is not your tutor.

The internal verifier

The internal verifier maintains the quality of assessment within the centre.

The external verifier

The external verifier works for City & Guilds and helps to ensure that your centre meets the required standards for quality and assessment.

4 Using your logbook

Recording forms

This logbook contains all of the forms you and your assessor will need to plan, review and organise your evidence. Your assessor will be able to help you decide which forms you need to complete and help you fill them in.

Please photocopy these forms as required.

5 Candidate progress record

Level 2 Diploma in Work Based Trees and Timber (0083-71, 72, 73)

Units													
Credits													
Total Credits Achieved:													

Minimum credits

I confirm that the evidence supplied for the above listed units is authentic and a true representation of my own work. The work logged in the following pages is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this qualification with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 401

Control pests, diseases and disorders

3 credits

1. Be able to control pests, diseases and disorders

Assessment criteria	Evidence date					
The learner can:	Portfolio reference					
1.1 Confirm the control methods to be used with the appropriate person						
1.2 Handle all materials carefully, safely and efficiently in accordance with instructions and organisational policy						
1.3 Apply control methods in a way which minimises the risks to non-target species and the environment covering						
1.4 Report any problems if they arise during pest, disease and disorder control to the appropriate person without delay						
1.5 Provide clear and accurate information for recording purposes						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain relevant equipment

Assessment criteria	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment for this area of work						
2.2 Use equipment according to relevant legislation and manufacturer's instructions including Personal protective equipment						
2.3 Prepare, maintain and store equipment in a safe and effective working conditions						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know/Understand rest in sentence case

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Outline the health and safety risks in controlling pests, diseases and disorders		
4.2 Describe the safe handling and effective use of materials equipment and chemicals and relevant codes of practice		
4.3 Describe the dangers and emergency treatments associated with the use of chemicals		
4.4 Describe control methods covering all the following:		
• chemical		
• biological		
• cultural		
4.5 Describe the types of problems which may occur and to whom they should be reported		
4.6 Identify the types of records required and explain the importance of accurate record keeping		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements, including control of hazardous substances and environmental legislation		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe the equipment which will be required for the activity		
6.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 401 Control pests, diseases and disorders

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 402

Carry out vegetation management in proximity to above ground utilities

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation						
1.6 Provide clear and accurate information for recording purposes						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to carry out vegetation management in proximity to above ground utilities

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Be able to carry out vegetation management in proximity to above ground utilities						
2.2 Be able to carry out vegetation management in proximity to above ground utilities						
2.3 Be able to carry out vegetation management in proximity to above ground utilities						
2.4 Be able to carry out vegetation management in proximity to above ground utilities						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
3.5 Outline the emergency planning procedures relevant to the work area		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to carry out vegetation management in proximity to above ground utilities

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State the potential hazards and risks associated with working in close proximity to the utility in relation to structures, safety distances and use of equipment		
4.2 State how to evaluate the tree for hazards and the implications of the hazards when identified		
4.3 Outline the level of risks posed by trees and vegetation from either its bio-mechanical condition and/or proximity to the utility		
4.4 State the likely impact of proposed utility work on trees and vegetation		
4.5 Explain how to resolve conflicts between retaining aesthetics against the requirements of the utility owner or licence holder		
4.6 Identify tree species		
4.7 Explain how species, condition of trees and the time of year can affect the work		
4.8 Outline the basic principles of tree biology and how they impact on the work		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 402

Carry out vegetation management in proximity to above ground utilities

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 403

Construct, maintain and repair stone wall boundaries

4 credits

1. Construct, maintain and repair stone wall boundaries

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Identify the proposed line for the boundary from the specification and any special considerations which relate to the line including:						
• health and safety						
• environmental impact						
• access						
1.3 Construct, maintain or repair the boundaries to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take appropriate action without delay where problems occur during work including:						
• accidental damage						
• difficulties in meeting the specification disturbance to wildlife or environment						
1.5 Handle, manoeuvre and transport materials safely						
1.6 Identify and report potential improvements to the work specification						
1.7 Make the site good when work is finished, and dispose of any waste or unwanted materials correctly and safely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain equipment for the construction, maintenance and repair of stone wall boundaries

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment and materials for this area of work						
2.2 Use equipment according to instructions						
2.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair stone wall boundaries

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe suitable methods for preparing the site		
4.2 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability to expected use and local tradition		
4.3 Outline the context within which the boundary is set, and how this relates to the specification		
4.4 Describe the problems which may occur during operations and how these should be dealt with covering:		
• accidental damage		
• difficulties in meeting the specification disturbance to wildlife or environment		
4.5 Describe the environmental value of work sites, the potential effects of work on the environment and how to control these		
4.6 Describe the reasons for leaving the site in the required condition on completion of operations		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work.		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste.		
5.4 Explain how to identify hazards and assess risks		
5.5 Explain how to interpret risk assessments		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 403

Construct, maintain and repair stone wall boundaries

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 404

Construct, maintain and repair fords

3 credits

1. Be able to construct, maintain and repair fords

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability for expected use and local tradition						
1.2 Make sure that the ford is secure, and suitable for its intended use						
1.3 Construct, maintain or repair the ford to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take the appropriate action without delay when problems occur during your work including:						
• accidental damage						
• difficulties in meeting the specification						
• disturbance to wildlife or environment						
1.5 Inform the appropriate person of any potential improvements to the work specification						
1.6 Make the site as good as possible when work is finished						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select and use appropriate equipment for this area of work						
3.2 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair fords

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to identify hazards and assess risks		
4.2 Describe how to interpret risk assessments		
4.3 Describe suitable methods for preparing the site		
4.4 State the purpose of the ford		
4.5 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability for expected use and local tradition		
4.6 Outline the context within which the ford is set, and how this relates to the specification		
4.7 Describe methods for constructing, maintaining and repairing fords		
4.8 Describe problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.9 Outline the required condition of the site on completion of operations		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Distinguish between different types of access structure

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Identify and describe the defining characteristics of fords compared to:		
• simple bridges		
• steps		
• signs/waymarkers		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Know relevant health and safety legislation and environmental good practice		
6.2 Know relevant health and safety legislation and environmental good practice		
6.3 Know relevant health and safety legislation and environmental good practice		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 404 Construct, maintain and repair fords

Declaration

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Candidate Signature:	
Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 405

Control vertebrate pests and predators by shooting

6 credits

1. Be able to determine the need for vertebrate pests and predator control

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Interpret signs to determine vertebrate pest and predator activity						
1.2 Modify monitoring activities to take account of seasonal variations, prevailing weather conditions and habitat						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R = Report						

2. Be able to shoot vertebrate pests and predators

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select shooting method, firearm and ammunition appropriate to the vertebrate pest and predator species and site characteristics						
2.2 Use firearms according to relevant legislation and approved codes of practice						
2.3 Identify and efficiently shoot target species						
2.4 Minimise the disturbance caused to non-target species						
2.5 Despatch wounded vertebrate pests and predators humanely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R = Report						

3. Be able to handle firearms and ammunition according to legal requirements

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Clean, maintain and store firearms and ammunition according to legal requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
4.2 Carry out work in a manner which minimises environmental damage						
4.3 Dispose of waste and mortalities responsibly according to legal requirements and approved codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Be able to maintain accurate records

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
5.1 Maintain accurate shooting records						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

6. Know how to determine the need for vertebrate pests and predator control

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Identify common mammal and bird, pest and predator species		
6.2 Describe the significance and potential effects of, vertebrate pests and predators to the site and its purpose		
6.3 Describe the behavioural characteristics of vertebrate pests and predators and how these can influence the control method selected		
6.4 Describe the effects of the seasons and weather conditions on monitoring activities		
6.5 Describe the effects of vertebrate pests and predators on animal/plant populations		
6.6 Explain how to interpret the following signs to determine pest and predator activity:		
• direct sightings		
• runs		
• footprints		
• damage to habitat		
• dead animals		
• kills		
• sounds		
• smells		
• droppings		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know how to shoot vertebrate pests and predators

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Outline the codes of practice covering all aspects of vertebrate pests and predators control		
7.2 Outline firearms legislation in relation to shooting vertebrate pests and predators		
7.3 Explain the legal restrictions controlling the use of firearms		
7.4 Explain the effective application and ranges of firearms and ammunition		
7.5 Describe the habits of common vertebrate pests and predators species and how these can influence the shooting method selected		
7.6 Explain how to minimise the impact of shooting on non-target species		
7.7 Describe how behavioural characteristics of vertebrate pests and predators can be used to increase the effectiveness of shooting		
7.8 Explain humane despatch methods		
7.9 Explain how the following site characteristics can impact on shooting:		
<ul style="list-style-type: none"> • location 		
<ul style="list-style-type: none"> • topography 		
<ul style="list-style-type: none"> • habitat 		
<ul style="list-style-type: none"> • other estate activity 		
<ul style="list-style-type: none"> • public access 		
7.10 Explain how the selection of shooting methods takes account of:		
<ul style="list-style-type: none"> • pest and predator type 		
<ul style="list-style-type: none"> • characteristics of shooting location 		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

8. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
8.1 Outline the current health and safety legislation, codes of practice and any additional requirements associated with controlling vertebrate pests and predators by shooting		
8.2 Outline the health and safety requirements associated with the use of firearms and shooting		
8.3 Outline the individual's specific responsibilities under environmental and conservation legislation in relation to monitoring and controlling pests and predators		
8.4 Describe the situations when shooting can become unsafe and must be stopped		
8.5 Explain how to minimise the dangers of disease or personal injury caused by handling dead animals		
8.6 Describe how to safely dispose of vertebrate pests and predators according to legal requirements		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

9. Know how to maintain accurate records

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
9.1 Explain the reasons for keeping accurate, up-to-date vertebrate pest and predator records		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 405

Control vertebrate pests and predators by shooting

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 406

Control unwanted vegetation

3 credits

1. Be able to work safely

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
1.1 Identify the hazards and risks associated with the working area and the proposed work		
1.2 Use appropriate tools, equipment and Personal Protective Equipment		
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety		
1.4 Carry out work to minimise environmental damage		
1.5 Dispose of waste in line with legislation and codes of practice		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

2. Be able to control unwanted vegetation

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify vegetation which requires control						
2.2 Control unwanted vegetation in line with work/job specification						
2.3 Record clear and accurate information						
2.4 Leave the site to a clean and tidy condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to control unwanted vegetation

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe the best methods of control in relation to the unwanted vegetation		
4.2 Describe how to determine the control measures to be implemented		
4.3 State the implications of terrain, ground conditions, vegetation, season and weather in controlling unwanted vegetation		
4.4 Describe the impact of using chemicals on the environment		
4.5 Describe the use of mulching/mulch mats to aid the control of unwanted vegetation		
4.6 Describe types of damage that would be acceptable under various circumstances		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 406 Control unwanted vegetation

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 407

Use of machine powered winches in timber work

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare for winch operation

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre-start checks to test all operating functions of the equipment						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to lay out cable and choker timber

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select timber for extraction according to specification						
3.2 Choker timber avoiding damage to product, instability of machine, loss of load, or damage to standing trees or the wider environment						
3.3 Pull out cable avoiding obstacles to the winching process						
3.4 Select anchor points adequate for load applied						
3.5 Maintain effective communication and teamwork with other operators on site						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to operate winch to pull in timber

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Operate the winch in keeping with site constraints, in a safe and effective way						
4.2 Carry out ongoing visual checks						
4.3 Check timber is in a safe position before releasing						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Understand how to prepare for winch operation

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Explain the principles of powered winch operation and the loads to be applied		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Understand how to lay out cable and choker timber

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe how recognise type of timber and species and select product categories to meet requirements		
6.2 Explain the methods of chokering poles butt first and tip first		
6.3 Describe types of chokers and chokering attachments to the cable		
6.4 Explain the operator checks necessary when carrying out this work		
6.5 State the implications of terrain, ground conditions, season, weather type of timber and species to laying out cable and chokering timber		
6.6 Identify the additional safeguards required when working in offset, double rigging systems		
6.7 Explain the considerations necessary when selecting strops and anchor points when setting pulleys used in offset pulling, double rigging		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Understand how to operate winch to pull in timber

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Explain the operating techniques of using winches		
7.2 Summarise current health and safety legislation and industry good practice		
7.3 Explain the importance of good communication and team work within the working environment		
7.4 Explain the records required for management and legislative purposes		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

8. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
8.1 Summarise current health and safety legislation and industry good practice		
8.2 Explain the importance of good communication and team work within the working environment		
8.3 Explain the records required for management and legislative purposes		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 407

Use of machine powered winches in timber work

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 408

Prepare sites for planting

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare sites for planting

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate preparation methods in line with specification and the site conditions						
2.2 Prepare the soil in line with the specification taking into account the weather and ground conditions						
2.3 Make effective use of the available resources						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to prepare sites for planting

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State how to deal with underground, ground and overhead obstructions		
4.2 Describe the different methods for prepare sites for planting		
4.3 Outline how to interpret specifications and select appropriate preparation methods		
4.4 State how the site conditions affect the selection of cultivation methods		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 408 Prepare sites for planting

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 409

Prepare and produce charcoal

3 credits

1. Be able to prepare wood for charcoal production

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the wood species to be burnt						
1.2 Determine the amount of wood to be burnt to meet the required output level of charcoal						
1.3 Check the wood is dry enough to be burnt						
1.4 Identify and prepare a suitable site for the kiln and set up the kiln						
1.5 Ensure the safety of the public and other workers in the vicinity of the work area						
1.6 Prepare wood to an appropriate size for the type of burn in a safe and efficient manner						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to produce charcoal

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Wear appropriate personal protective equipment throughout process						
2.2 Ensure there is an adequate supply of water in case of emergency						
2.3 Monitor and control the burn taking measures to control the burn as and when necessary to ensure the quality of the charcoal produced						
2.4 Assess when the kiln should be closed down and do so						
2.5 Grade and bag the charcoal to ensure it is suitable for its end use						
2.6 Where appropriate sift the charcoal to remove the dust or fines						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety, and is consistent with relevant legislation, codes of practice and any other relevant requirements						
3.2 Carry out work in a way which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to prepare cord wood and make charcoal

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Explain how the way wood is stacked has an impact on efficient drying		
4.2 Explain how long wood should be dried prior to burning and how this may vary from species to species		
4.3 Describe the characteristics of different wood species and the effect of species on the quality of charcoal produced		
4.4 Explain the changes that occur throughout the burning process		
4.5 Estimate the reduction in weight and volume of cord wood burnt for charcoal		
4.6 Outline the significance of the smoke colour at different stages		
4.7 Describe the type of ground and general location that is best suited for sitting a kiln		
4.8 Describe two different types of charcoal kiln and the different methods of loading and lighting		
4.9 Explain how the kiln should be stored during long periods of non-use		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Outline current relevant legislation, codes of practice and any other relevant requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
5.4 Carry out a risk assessment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 409 Prepare and produce charcoal

Declaration

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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 410

Construct, maintain and repair stone pitched paths

4 credits

1. Be able to construct, maintain and repair stone pitched paths

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the proposed line for the stone pitched path and the special considerations						
1.2 Take steps to ensure that other site users are not put at risk by work by:						
• providing information (signs etc.)						
• re-routing access away from unsafe areas						
• speaking to others on site						
1.3 Provide drainage to specification to suit the site's needs and its expected levels of use						
1.4 Construct, maintain or repair the stone pitched path to specification, and finish it in a way which fits in with the surrounding environment to include:						
• setting out and location						
• materials and resource						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.5 Use appropriate methods to reduce the impact of erosion on areas around the path						
1.6 Leave the site in a suitable condition when the work is finished.						
1.7 Inform the appropriate person of any potential improvements to the work specification which are identified including:						
• remedying the situation						
• informing others who need to act						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair stone pitched paths

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State how to identify hazards, assess risks and interpret risk assessments		
4.2 State the importance of using appropriate materials to produce a path which is fit for use and fits into the surrounding environment		
4.3 State the methods for preparing the site and how to create suitable foundations and drainage		
4.4 Describe the purpose of the path and how this relates to the specification and operations		
4.5 Describe how to interpret and use relevant specifications		
4.6 Describe the methods for constructing, maintaining and repairing stone pitched paths		
4.7 Describe the special considerations which relate to the proposed line to include:		
• health and safety		
• environmental impact		
• access		
• site use		
• site drainage and soils		
• site topography		
4.8 State the problems which may occur during operations and how these should be dealt with:		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.9 Describe how the site should be left on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know the difference between stone pitched paths and other types of path

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 State the defining characteristics of reinforced paths compared to the following:		
• aggregate paths		
• flag paths		
• boardwalk paths		
• reinforced paths		
• bark paths		
5.2 Identify typical uses of a stone pitched path		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe how environmental damage can be minimised		
6.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 410

Construct, maintain and repair stone pitched paths

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 411

Support colleagues undertaking off ground tree related operations

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to support colleagues undertaking off ground tree related operations

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Prepare additional equipment to support aerial operations						
2.2 Pass and retrieve equipment to and from the aerial operator						
2.3 Enter the drop zone safely and effectively						
2.4 Assist with the removal of aerial tree sections						
2.5 Maintain the climbing system						
2.6 Clean and tidy the work area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation and industry good practice		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment		
3.3 Describe the correct methods for disposing of waste		
3.4 Outline the emergency planning procedures relevant to the work area		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to support colleagues undertaking off ground tree related operations

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain how to monitor and control sites to ensure safe working		
4.2 State why aerial operators require support		
4.3 Describe how to ensure that access equipment and systems are in safe working order		
4.4 Describe how to safely pass and retrieve equipment to the climber		
4.5 State why it is important to remove arising from the drop zone as soon as it is safe to do so		
4.6 Explain why it is important to inform the climber promptly and clearly of any changes in the hazards and risks of the site		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 411

Support colleagues undertaking off ground tree related operations

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 412

Create an open drainage system

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry food practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to create and open drainage system

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Create a new drain using the resources available to meet the given specification						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to create open drainage systems

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State how to interpret risk assessments		
4.2 Describe how to interpret plans and specification for a new drainage system		
4.3 Describe how to create drains in a range of soil types and situations		
4.4 Explain how environmental factors can affect drainage systems		
4.5 Explain how to extend an existing drainage system		
4.6 Describe how to recognise specified aspects of the site which should be preserved		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 413

Process arising from tree work operations

1 credit

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to process arising from tree work operations

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Prepare arising in accordance with the specification, the site, relevant legislation and industry guidelines						
2.2 Process arising appropriate to their condition, the specification and the site requirements						
2.3 Leave the site to a clean and tidy condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to process arising from tree work operations

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State how to secure the work site in relation to the process and public access		
4.2 Describe how to select the appropriate method of disposal or onward transport of arising		
4.3 Describe the different uses for arising		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 413 Process arising from tree work operations

Declaration

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Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 414

Prepare, drive and manoeuvre forwarder

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare, drive and manoeuvre forwarder

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre and post-start checks to test all operating functions of the equipment						
2.2 Drive the machine on site in a safe and effective way						
2.3 Manoeuvre the machine on site in a safe and effective way						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to operate grapple

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Use machine to load/feed wood products						
3.2 Grade products to facilitate subsequent handling, processing or uplift for onward dispatch						
3.3 Separate products for subsequent handling, processing or uplift for onward dispatch						
3.4 Stack produce flush to a safe and stable height and condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to prepare forwarder

Assessment criteria (Knowledge)	Portfolio reference
The learner can:	
4.1 State the safety requirements, routine and functional checks required for machine and operator protection	
Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report	

5. Know how to drive and manoeuvre forwarder

Assessment criteria (Knowledge)	Portfolio reference
The learner can:	
5.1 Describe safe driving techniques that should be used on site	
5.2 State the implications of terrain, ground conditions, season, weather and tree condition on planning access routes and driving the machine	
5.3 Outline the implications of extracting long logs, poles or tree length timber to forwarder extraction	
5.4 Discuss the capabilities and limitations of the loader when loading and unloading	
5.5 Summarise safe stacking heights, stability of stacks and signing requirements	
5.6 Describe how to segregate and grade produce to meet required specification	
Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report	

6. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline current health and safety legislation, codes of practice and any additional requirements		
6.2 State why it is important to maintain good communication and team work within the working environment		
6.3 Describe the types of records that may be required for management and legislative requirements		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 414 Prepare, drive and manoeuvre forwarder

Declaration

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Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 415

Promote responsible public use of the environment

4 credits

1. Be able to safeguard members of the public and others

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Maintain the safety of the public and others during visits to the site						
1.2 Work safely encouraging everyone throughout all activities to follow current legislation, codes of practice, organisational policies and procedures						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to safeguard the environment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Provide information and advice to encourage members of the public to use the site in a way which is consistent with its purpose and condition						
2.2 Identify visitors and others who may cause a threat and take the appropriate action to minimise any damage or risk, covering two of the following:						
• to the site and its contents						
• to flora and fauna						
• to own personal health and safety						
• to other people's health and safety						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know how to safeguard members of the public and the environment

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline organisational codes of practice and requirements about the care of visitors and other members of the public, eg supporting people in terms of their safety and welfare by providing information and advice		
3.2 State the needs of the public and others, and when to influence their use of the site and offer advice or help		
3.3 State why the organisation may have certain access policies or specific areas for public access		
3.4 Explain the importance of balancing the needs of the site with the needs of the public and others		
3.5 Describe the features of the site and the effects the public and others may have on it		
3.6 Outline threats the public may pose to:		
• the site and its contents		
• flora and fauna		
• own personal health and safety		
• other people's health and safety		
3.7 Explain how to handle people who cause a threat to sites in an effective, safe and courteous way		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Declaration

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Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 416

Construct, maintain and repair signs/way markers

3 credits

1. Be able to construct, maintain and repair signs/way markers

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability for expected use and local tradition						
1.2 Make sure that the signs/way markers are secure, and suitable for its intended use						
1.3 Construct, maintain or repair the signs/way markers to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take the appropriate action without delay when problems occur during your work including:						
• accidental damage						
• difficulties in meeting the specification						
• disturbance to wildlife or environment						
1.5 Inform the appropriate person of any potential improvements to the work specification						
1.6 Make the site as good as possible when work is finished						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select and use appropriate equipment for this area of work						
3.2 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair signs/way markers

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to identify hazards and assess risks		
4.2 Describe how to interpret risk assessments		
4.3 Describe suitable methods for preparing the site		
4.4 State the purpose of the signs/way markers		
4.5 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability for expected use and local tradition		
4.6 Outline the context within which the signs/way markers are set, and how this relates to the specification		
4.7 Describe methods for constructing, maintaining and repairing signs/way markers		
4.8 Describe problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.9 Outline the required condition of the site on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Distinguish between different types of access structure

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Identify and describe the defining characteristics of signs/ way markers compared to:		
• simple bridges		
• Fords		
• steps		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe how environmental damage can be minimised		
6.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 416

Construct, maintain and repair signs/way markers

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 417

Control vertebrate pest populations using chemical means

6 credits

1. Be able to determine the need for vertebrate pest control

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Interpret signs to determine vertebrate pest and predator activity						
1.2 Identify the presence of non-target species						
1.3 Select a control method appropriate to the vertebrate pests, the characteristics of the site and its location						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to control vertebrate pest populations using chemical means

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Develop a regime to control the application of chemical agents						
2.2 Set-up and maintain the necessary equipment to effectively control application of chemicals according to manufacturers' recommendations						
2.3 Handle and use chemicals safely and efficiently according to manufacturers' recommendations						
2.4 Implement controls in a manner which minimises the risk to non-target species and the environment						
2.5 Monitor the effectiveness of the control method						
2.6 Take appropriate action when problems arise during pest control activities						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of any corpses and spent materials according to legal requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to maintain accurate records

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Maintain accurate vertebrate pest control records						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Know how to determine the need for vertebrate pest control

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Identify common pests species		
5.2 Describe the behavioural characteristics of vertebrate pests and how these can influence the control method selected		
5.3 Describe the effects of the seasons and weather conditions on monitoring and control activities		
5.4 Describe the effects of vertebrate pests on animal/plant populations		
5.5 Explain how to interpret the following signs to determine pest activity:		
• direct sightings		
• runs		
• footprints		
• damage to habitat		
• dead animals		
• kills		
• sounds		
• smells		
• droppings		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know how to control vertebrate pest populations using chemical means

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe common vertebrate pest species and the significance of their presence		
6.2 Describe the characteristics of different vertebrate pest species, and their potential effects on sites		
6.3 Explain how to adapt pest control methods to take account of changes in the weather		
6.4 Explain why it is important to control the application of chemicals for non-target species		
6.5 Explain how to monitor the effectiveness of the control methods		
6.6 Explain the actions to take when the following problems arise during vertebrate pest control:		
• chemical spillage		
• malfunction of equipment		
• changes in environmental conditions		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Outline the current health and safety legislation, codes of practice and any additional requirements associated with trapping activities		
7.2 Explain how the Control of Substances Hazardous to Health Act controls the use of chemicals		
7.3 Outline the legal restrictions on the use of chemicals including the certificates and training required before chemical can be used		
7.4 Outline the individual's specific responsibilities under environmental and conservation legislation in relation to monitoring and controlling pests		
7.5 Describe how to safely dispose of vertebrate pests and predators according to legal requirements		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

8. Know how to maintain accurate records

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
8.1 Explain the reason for keeping accurate, up-to-date vertebrate pest control records		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 417

Control vertebrate pest populations using chemical means

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 418

Process coppice materials and greenwood products

4 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE) safely						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to process coppice materials and green wood products

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Agree specification for coppice products						
2.2 Plan a work schedule to maximise material usage and minimise waste						
2.3 Assess the quality of timber as to its suitability for the green wood product						
2.4 Process materials into products using the appropriate method						
2.5 Present the products to meet the specification						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment (PPE)		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to process coppice materials and green wood products

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to interpret specifications to identify and cost all elements for a job		
4.2 Describe the values of primary coppice species		
4.3 Describe how to recognise appropriate woods and main reasons for their use		
4.4 Describe how the seasonality of coppice material can affect the availability and durability of a product		
4.5 Describe the methods used to prolong the workable life of seasonal coppice materials		
4.6 Describe how to assess the quality of the coppice materials and final products		
4.7 Describe different processing methods		
4.8 Assess wood condition		
4.9 Describe how to work different types of split wood		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 418

Process coppice materials and greenwood products

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 419

Sharpen and maintain edged hand tools

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to sharpen and maintain edged hand tools

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify minor defects in a hand tool handle or shaft						
2.2 Maintain hand tool handle or shaft						
2.3 Identify defective and 'dull' cutting edges						
2.4 Identify major defects in tools						
2.5 Repair tool to a safe working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment (PPE)		
3.3 Describe the correct methods for disposing of waste		
3.4 Identify legitimate sources and quality criteria for professional tools		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to sharpen and maintain edged hand tools

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe the different methods of fitting a new handle or shaft and the appropriate materials		
4.2 State the different methods and devices for sharpening tools		
4.3 State how to safely test the sharpness of a tool and when a tool requires sharpening		
4.4 Compare the different tool edge profiles and their appropriateness for different purposes		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 419 Sharpen and maintain edged hand tools

Declaration

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I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 420

Extract wood and wood products using small motorised equipment

4 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to extract wood and wood products

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Extract wood products effectively and efficiently						
2.2 Unload products in accordance with the specification						
2.3 Grade products in accordance with the specification						
2.4 Accumulate products in agreed area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation and industry good practice		
3.2 Describe how environmental damage can be minimised		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to extract wood and wood products

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe the need for and the benefits of carrying out routine operator checks and basic maintenance in line with manufacturers' recommendations		
4.2 Explain the implications of terrain, ground conditions, season, weather, load and timber type/condition on planning access routes and driving the machine		
4.3 Describe the effect of unbalanced loads on extraction		
4.4 Describe methods of grading, stacking and handling products		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 420

Extract wood and wood products using small motorised equipment

Declaration

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Candidate Name:	
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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 421

Access a tree using a rope and harness

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.3 Use access and tree climbing equipment and personal protective equipment (PPE)						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to access a tree using a rope and harness

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Perform a hazard evaluation and Work at Height assessment of the tree prior to commencing the work						
2.2 Inspect access equipment to ensure it is safe and fit for use under manufacturers instructions and relevant legislation						
2.3 Use access and positioning methods appropriate to the assessed risk						
2.4 Use appropriate positioning techniques within the crown						
2.5 Communicate appropriately with ground staff						
2.6 Descend tree in a controlled manner and remove equipment appropriately						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the key health and safety legislation and industry good practice		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment		
3.3 Outline the emergency planning procedures relevant to the work area		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to access a tree using a rope and harness

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe different methods used to safely access a tree		
4.2 Describe different positioning techniques used within crowns		
4.3 Describe how to ensure that access equipment and systems are in safe working order		
4.4 Outline the basic principles of tree biology and how they impact on the work		
4.5 Explain how the species, condition of trees and time of year affect the work		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 421 Access a tree using a rope and harness

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 422

Maintaining plants outdoors

3 credits

1. Be able to select, use tools and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Select appropriate equipment for this area of work						
1.2 Use equipment according to relevant legislation and manufacturer's instructions						
1.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to maintain the health of plants outdoors

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Inspect plants as instructed						
2.2 Identify all of the following threats to promote plant health:						
• pests						
• diseases						
• disorders						
• unfavourable conditions						
• competing growth						
2.3 Use correct and effective methods of dealing with threats to plant health						
2.4 Promote and maintain health growth using all of the following methods:						
• feeding						
• watering						
• surface cultivation						
• mulching						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety, is consistent with relevant legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to maintain the health of plants outdoors

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe how to check and report signs of damage or threats to health to include:		
• pests		
• diseases		
• disorders		
• unfavourable conditions		
• competing growth		
4.2 State how seasonal weather conditions affect plant growth and health		
4.3 Describe the different methods used to promote plant health including:		
• feeding		
• watering		
• surface cultivation		
• mulching		
4.4 Describe the effects of soil conditions on plant growth		
4.5 State why watering regimes vary for different soils and plants		
4.6 Describe how the correct use of agrochemicals/pesticides can improve plant health		
4.7 Describe how the incorrect use of agrochemicals / pesticides can harm plants		
4.8 Describe the methods of dealing with threats to plant health covering; physical, cultural and irrigation		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety and animal welfare legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of organic and inorganic waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 422 Maintaining plants outdoors

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 423

Site and install site furniture and structures

2 credits

1. Be able to site and install site furniture and structures

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Select the most appropriate place to site the structure in line with job specification and site conditions						
• slope						
• drainage						
• access for work and use						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.2 Take the appropriate action without delay when you have problems meeting specifications.						
1.3 Install the structure in line with job specification either:						
• large						
• small						
1.4 Ensure that the structure is safe and secure before leaving the site						
1.5 Inform your line manager of any potential improvements to the work specification which you identify						
1.6 Leave the work area safe and tidy after work is completed						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Understand the need to site and install site furniture and structures

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe the factors which determine where a structure should be sited		
• slope		
• drainage		
• access for work and use		
4.2 Describe the purpose of the structure		
4.3 Summarise how to interpret and use relevant specifications		
• setting out and location		

• materials and resources		
• timing and timescales		
• working methods		
• suitability of expected use and local tradition		
4.4 Outline the context within which the structure is to be set, and how this relates to the specification		
4.5 Describe methods for installing both small and large structures		
4.6 Describe problems which may occur during operations and how these should be dealt with		
4.7 Describe the required condition of the site on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe the equipment which will be required for the activity		
6.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 423 Site and install site furniture and structures

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 424

Use a powered pole pruner

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste safely in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R = Report						

2. Be able to use a powered pole pruner

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Check all safety features on the powered pole pruner are present and not damaged						
2.2 Maintain a powered pole pruner in accordance with operator's handbook using appropriate tools						
2.3 Maintain cutting system in accordance with operator's handbook using appropriate tools						
2.4 Reassemble the powered pole pruner and cutting system to functional/operational standard						
2.5 Carry out pre-start checks and setting of the machine for use						
2.6 Demonstrate safe starting of the powered pole pruner						

2.7	Select relevant pruning methods						
2.8	Reduce and remove branches using appropriate cuts						
2.9	Process arising						
2.10	Clean and tidy working area						
Type of evidence →							
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report							

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:		Portfolio reference	
3.1	Outline the current health and safety legislation and industry good practice		
3.2	Outline the emergency planning and procedures relevant to the working area		
3.3	Identify appropriate personal protective equipment		
3.4	Describe how environmental damage can be minimised		
3.5	Describe methods for disposing waste		
Type of evidence →			
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

4. Know how to use a powered pole pruner

Assessment criteria (Knowledge) The learner can:		Portfolio reference	
4.1	Explain why safety features are fitted to a powered pole pruner and how they function		
4.2	Explain the function and maintenance requirements of individual components		
	• Spark plug		
	• Air filter		
	• Chainbrake		
	• Cooling system		
	• Exhaust system		
	• Clutch/drive system		
	• Sprocket		
	• Starter mechanism/recoil system		
	• Greasing/lubrication		
	• Guide bar		
	• Chain		

4.3	Describe the problems encountered when chain and guide bar are worn, damaged or poorly maintained		
4.4	Explain how to select the correct filing information for chain and why this is necessary		
4.5	Identify different chain types and their application		
4.6	Describe how to identify trees to be pruned		
4.7	Describe appropriate pruning methods and equipment used		
4.8	Describe tension and compression in a branch		
4.9	Explain ways to remove a pruner trapped in a cut		
4.10	Describe methods of reducing and pruning heavy and long branches		
4.11	State how condition of trees and time of year affect the approach to pruning		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 424 Use a powered pole pruner

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 425

Identify and report the presence of pests, diseases and disorders

3 credits

1. Identify and report the presence of pests, diseases and disorders

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
1.1 Monitor the crop(s) in accordance with production requirements		
1.2 Correctly identify the presence of pests, diseases and disorders		
1.3 Correctly identify the presence of any biological controls in use and beneficial insects		
1.4 Establish the extent of the pest population, disease and any disorders		
1.5 Promptly report the presence to the appropriate person		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know how to identify and report the presence of pests, diseases and disorders

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Describe reasons for monitoring the crop		
3.2 Describe when to carry out crop monitoring		
3.3 Describe common types of pests, diseases and disorders and the problems caused		
3.4 Describe biological controls and beneficial insects that can be used		
3.5 Identify to whom you should report the presence and extent of pests, diseases, disorders and biological control/beneficial insects		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
4.2 Describe how environmental damage can be minimised		
4.3 Describe the correct methods for disposing of waste.		
4.4 Describe the health and safety risks in monitoring pests, diseases and disorders		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 425

Identify and report the presence of pests, diseases and disorders

Declaration

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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 426
3 credits

Construct, maintain and repair simple bridges

1. Be able to construct, maintain and repair simple bridge

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability for expected use and local tradition						
1.2 Make sure that the bridge is secure, and suitable for its intended use						
1.3 Construct, maintain or repair the bridge to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take the appropriate action without delay when problems occur during your work including:						
• accidental damage						
• difficulties in meeting the specification						
• disturbance to wildlife or environment						
1.5 Inform the appropriate person of any potential improvements to the work specification						
1.6 Make the site as good as possible when work is finished						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select and use appropriate equipment for this area of work						
3.2 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair simple bridges

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe how to identify hazards and assess risks		
4.2 Describe how to interpret risk assessments		
4.3 Describe suitable methods for preparing the site		
4.4 State the purpose of the bridge		
4.5 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability for expected use and local tradition		

4.6	Outline the context within which the structure is set, and how this relates to the specification		
4.7	Describe methods for constructing, maintaining and repairing simple bridges		
4.8	Describe problems which may occur during operations and how these should be dealt with		
	• accidental damage		
	• difficulties in meeting the specification		
	• disturbance to wildlife or environment		
4.9	Outline the required condition of the site on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Distinguish between different types of access structure

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
5.1	Identify and describe the defining characteristics of simple bridges compared to:		
	• fords		
	• steps		
	• signs/way markers		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
6.1	Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2	Describe how environmental damage can be minimised		
6.3	Describe the correct methods for disposing of waste		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
7.1	Describe the equipment which will be required for the activity		
7.2	Describe the methods of maintaining the range of equipment		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 426

Construct, maintain and repair simple bridges

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 427

Carry out maintenance of chainsaw and cutting system

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste safely in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to carry out maintenance of chainsaw and cutting system

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Check all safety features on the chainsaw are present and not damaged						
2.2 Select appropriate maintenance tools for the power unit and cutting systems in accordance with operator's handbook						
2.3 Maintain power unit in accordance with operator's handbook using appropriate tools						
2.4 Maintain cutting system in accordance with operator's handbook using appropriate tools						
2.5 Reassemble chainsaw and cutting system to functional/operational standard						
2.6 Clean and tidy working area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to carry out operational chainsaw checks

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Carry out pre-start checks and setting of the machine for use						
3.2 Demonstrate safe starting of the chainsaw						
3.3 Demonstrate post operational checks						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Outline key health and safety legislation and industry good practice		
4.2 Outline the emergency planning and procedures relevant to the working area		
4.3 Describe how environmental damage can be caused and minimised		
4.4 Describe the correct methods for disposing waste		
4.5 Identify appropriate personal protective equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know how to carry out maintenance of chainsaw and cutting system

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Explain the function(s) of all safety features		
5.2 Explain the function and maintenance requirements of individual components		
• spark plug		
• air filter		
• chainbrake		
• cooling system		
• exhaust system		
• clutch/drive system		

• sprocket		
• starter mechanism/recoil system		
• greasing/lubrication		
• guide bar		
• chain		
5.3 Describe the problems encountered when chain and guidance bar are worn, damaged or poorly maintained		
5.4 Explain how to select the correct filing information for chain and why this is necessary		
5.5 Identify different chain types and their application		
5.6 Explain why it is important to maintain chainsaws to manufacturer's recommendations		
5.7 State steps to be taken when a chainsaw is not repairable, faulty or non-operational		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 427

Carry out maintenance of chainsaw and cutting system

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 428

Remove branches and breakdown crowns using a chainsaw

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste safely in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to remove branches and breakdown crowns using a chainsaw

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre-start checks and setting of the machine for use						
2.2 Demonstrate safe starting of the chainsaw						
2.3 Remove branches from felled trees using a recognised method						
2.4 Turn tree and remove under branches using appropriate aid tools and method(s) where appropriate						
2.5 Clean and tidy working area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the key health and safety legislation and industry good practice		
3.2 Outline the emergency planning procedures relevant to the working area		
3.3 Describe how to use and maintain tools, equipment and personal protective equipment		
3.4 Describe how environmental damage can be minimised		
3.5 Describe the correct methods for disposing waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to remove branches and breakdown crowns using a chainsaw

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how the method of removing branches will vary with tree species, form and condition		
4.2 Describe how to identify tension and compression in branches		
4.3 Outline the implications on choice of severing method		
4.4 Describe how to deal with small diameter timber under severe tension/compression		
4.5 State how and when to use winches to assist with the snedding of trees		
4.6 Describe process for removing branches above shoulder height		
4.7 Explain the advantages of leaving a clean stem after de-branching		
4.8 State how and when to deal with trapped branches		
4.9 State how to deal with brash and branches after snedding		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 428

Remove branches and breakdown crowns using a chainsaw

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 429

Cut, process and extract coppice

4 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE) safely						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintain health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to cut, process and extract coppice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Produce a work schedule						
2.2 Identify the species, mix, estimated age of coppice, and volume of coupe						
2.3 Cut coppice stool using current good practice and to promote healthy re-growth						
2.4 Process the coppice material minimising wastage						
2.5 Manage standard trees						
2.6 Sort/grade and bundle cut coppice for a variety of uses						
2.7 Extract cut coppice using methods appropriate to the site and dimensions of material						
2.8 Restock the understory using different methods to maintain coppice at appropriate density						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment (PPE)		
3.3 Describe how environmental damage can be minimised		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to cut, process and extract coppice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Identify commonly coppiced species, in summer and winter		
4.2 Explain the reasons for coppicing		
4.3 Describe good practice with regard to coppicing a stool		
4.4 Describe how to protect stools from damage by browsing animals		
4.5 Describe methods of re-stocking and importance of density		
4.6 Describe different methods of extraction and their suitability to different applications		
4.7 Outline habitats directives governing woodland operations		
4.8 Describe the management of standard trees		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 429

Cut, process and extract coppice

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 430

Choker timber for extraction

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare to choker timber

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Agree the signalling system with the winch operator						
2.2 Ensure the chokers are of adequate capacity and length for the timber to be choked						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to choker timber to cable

Assessment criteria (Performance) The learner can:	Evidence date					
3.1 Carry out ongoing visual checks on winch cable and terminal components and ancillary equipment						
3.2 Identify the timber to choker, position cable and choker as part timber operations						
3.3 Select anchor points adequate for off-set winching						
3.4 Select and choker timber for extraction						
3.5 Use the agreed signalling						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to choker timber to cable

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to recognise type of timber and species and select product categories to meet specification		
4.2 Describe the methods of chokering poles butt first and tip first		
4.3 Describe types of chokers and chokering attachments		
4.4 Describe potential problems that can occur during the operation how to deal with these		
4.5 Explain the methods and importance of the operator carrying out routine checks and maintaining equipment for use		
4.6 Explain how to choker stacks of produce		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation and industry good practice		
5.2 Describe the importance of good teamwork and communication within the working environment		
5.3 Explain the records required for management and legislative purposes		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 430 Choker timber for extraction

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 431

Work with and consult the local community

3 credits

1. Work with and consult the local community

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify opportunities for formal and informal consultation and co-operation with the local community, seeking specialist advice where appropriate						
1.2 Establish and maintain contacts with relevant individuals and organised groups within the local community						
1.3 Engage with individuals and groups within the local community to develop understanding and awareness as part of consultation						
1.4 Use appropriate communication methods to seek the opinions of individuals and groups within the local community						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Understand the importance of working with and consulting the local community

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
2.1 Describe the types of opportunities available for co-operation and consultation with the local community		
2.2 Describe the ways in which contact with the local community can be established		
2.3 Describe the reasons for and importance of consultation with the local community in gathering feedback		
2.4 Describe the likely impact of the organisation's work on the local community		
2.5 Outline why it is important that those you are consulting with understand the issues which they are being consulted on		
2.6 Describe the methods of gauging community opinion and the importance of providing feedback		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 431 Work with and consult the local community

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 432

Maintain and repair site furniture and structures

3 credits

1. Maintain and repair site furniture and structures

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Maintain or repair the structure to specification, and finish it in a way which fits in with the surrounding environment including						
• materials and resources						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.3 Inform the appropriate person of any potential improvements to the work specification						
1.4 Leave the site in a suitable condition when work is finished						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to maintain and/or repair site furniture and structures

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State how to recognise the environmental value of sites		
4.2 Suitable methods for preparing the site		
4.3 Describe the purpose and context of the structure and how this relates to the specification and operations		
4.4 Describe the methods for maintaining and repairing structures		
4.5 State how to interpret and use relevant specifications		
4.6 Describe the problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.7 State the importance of leaving the site in a suitable condition on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Distinguish between different types of access structure

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe the equipment which will be required for the activity		
6.2 Describe the methods of maintaining the range of equipment		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 432

Maintain and repair site furniture and structures

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 433

Carry out vegetation management in proximity of underground utilities

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to carry out vegetation management

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Operate specialist equipment in accordance with manufacturers and utility's specified parameters						
2.2 Prune roots to reduce their impact on utilities in accordance with specifications						
2.3 Reinstall tranches in accordance with specifications						
2.4 Maintain records to meet utility and legislative requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation and industry good practice		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
3.5 Outline the emergency planning procedures relevant to the work area		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to carry out vegetation management

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State the potential hazards and risks associated with working in close proximity to the utility in relation to structures, safety distances and use of equipment		
4.2 Explain how species, condition of tree, their proximity to the utility and the time of year can affect the work		
4.3 Describe the use of safety equipment specific to the utility in question and tools for operation		
4.4 Outline the basic principles of tree biology and the implications of root reduction to different tree species		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 433

Carry out vegetation management in proximity of underground utilities

Declaration

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Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 434

Prepare and operate machinery to process trees

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and maintain health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select and prepare machinery

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre and post-start checks to test all operating functions of the equipment						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to drive and manoeuvre machinery

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Drive the machine on site and in a safe and effective way						
3.2 Manoeuvre the machine on site and in a safe and effective way						
3.3 Maintain brash						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to process felled trees

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Process the felled trees in accordance with the job specification						
4.2 Segregate logs to enable ease of extraction						
4.3 Use machinery in accordance with relevant legislation and manufacturer's instructions						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Know how to prepare machinery

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 State the safety requirements, routine and functional checks required for machine and operator protection		
5.2 Describe safe driving techniques that should be used on site		
5.3 Explain the implications of terrain, ground conditions, season, weather and tree condition on planning access routes and driving the machine		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know how to process trees

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe how to select size and species to meet the job specification		
6.2 Describe how to process trees		
6.3 Describe how to measure log length to ensure it meets specification		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Outline current health and safety legislation, codes of practice and any additional requirements		
7.2 Explain why it is important to maintain good communication and team work within the working environment		
7.3 Describe the types of records that may be required for management and legislative requirements		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 434

Prepare and operate machinery to process trees

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 435

Identify tree species and their properties

5 credits

1. Be able to identify tree species and their properties

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify tree species that are grown in the UK in all seasons						
1.2 Identify tree genera from samples						
1.3 Identify plant species associated with growing trees						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Understand the principals of tree identification

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
2.1 Describe the principles of botanical classification and nomenclature		
2.2 State how plant characteristics can aid identification		
2.3 Describe the different stages in plant and tree life cycles		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

3. Understand the planting of trees

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
3.1 Describe the preferred growing conditions of different tree species		
3.2 State the landscape use of different tree species		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand the attributes of trees

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State the timber use of different tree species		
4.2 State the effects of the properties of different woods on treework and site selection		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 435 Identify tree species and their properties

Declaration

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Candidate Signature:	
Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 436

Communicate with the public and others

3 credits

1. Be able to communicate with the public and others

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Communicate with members of the public and others effectively and in a way which promotes the organisation						
1.2 Communicate information which is suitable to the needs of members of the public and others						
1.3 Respond to requests for information clearly and accurately and refer queries appropriately						
1.4 Encourage members of the public and others to ask questions or seek explanation						
1.5 Suggest suitable sources of information to members of the public and others						
1.6 Communicate appropriate health and safety information						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know how to communicate with the public and others

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Explain why effective methods of communication are needed		
3.2 Describe how to encourage queries and comments from members of the public and others		
3.3 List different sources of information suitable for members of the public and others- internal and external		
3.4 State the correct procedures for handling and communicating confidential information		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Understand the values of the organisation

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Identify the values of the organisation eg policies and practices for customer care, promotion of environmental good practice or equality of opportunity		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 436

Communicate with the public and others

Declaration

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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 437

Construct, maintain and repair steps

3 credits

1. Be able to construct, maintain and repair steps

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability for expected use and local tradition						
1.2 Make sure that the steps are secure, and suitable for its intended use						
1.3 Construct, maintain or repair the steps to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take the appropriate action without delay when problems occur during your work including:						
• accidental damage						
• difficulties in meeting the specification						
• disturbance to wildlife or environment						
1.5 Inform the appropriate person of any potential improvements to the work specification						
1.6 Make the site as good as possible when work is finished						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select and use appropriate equipment for this area of work						
3.2 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair simple bridges

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe how to identify hazards and assess risks		
4.2 Describe how to interpret risk assessments		
4.3 Describe suitable methods for preparing the site		
4.4 State the purpose of the steps		
4.5 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability for expected use and local tradition		

4.6	Outline the context within which the steps are set, and how this relates to the specification		
4.7	Describe methods for constructing, maintaining and repairing steps		
4.8	Describe problems which may occur during operations and how these should be dealt with		
	<ul style="list-style-type: none"> accidental damage 		
	<ul style="list-style-type: none"> difficulties in meeting the specification 		
	<ul style="list-style-type: none"> disturbance to wildlife or environment 		
4.9	Outline the required condition of the site on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Distinguish between different types of access structure

Assessment criteria (Knowledge) The learner can:		Portfolio reference	
5.1	Identify and describe the defining characteristics of steps compared to:		
	<ul style="list-style-type: none"> simple bridges 		
	<ul style="list-style-type: none"> fords 		
	<ul style="list-style-type: none"> signs/way markers 		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:		Portfolio reference	
6.1	Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2	Describe how environmental damage can be minimised		
6.3	Describe the correct methods for disposing of waste		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:		Portfolio reference	
7.1	Describe the equipment which will be required for the activity		
7.2	Describe the methods of maintaining the range of equipment		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 437

Construct, maintain and repair steps

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 438

Fell and process trees up to 380mm

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste safely in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to fell and process trees up to 380mm

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Prepare site and establish escape route(s) as appropriate						
2.2 Prepare trees appropriately to the tree condition and the specification for the site						
2.3 Carry out pre-start checks and setting of the chainsaw						
2.4 Demonstrate safe starting of the chainsaw						
2.5 Fell trees using recognised felling methods and felling aids						
2.6 Remove branches from felled trees using a recognised method						
2.7 Turn tree and remove under branches using appropriate aid tools and method(s) where appropriate						
2.8 Select take down method which is relevant to the hung up tree size, form and condition						
2.9 Take down a hung up tree using hand tools						
2.10 Cross-cut timber to length in accordance with the specification						
2.11 Stack produce for subsequent operations using appropriate aids and tools						
2.12 Check timber is in an appropriate and safe position						
2.13 Clean and tidy working area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
3.1 Outline the key health and safety legislation and industry good practice		
3.2 Outline the emergency planning procedures relevant to the work area		
3.3 Describe how to use and maintain tools, equipment and personal protective equipment		
3.4 Describe how environmental damage can be caused and minimised		
3.5 Describe the correct methods for disposing of waste		
3.6 Describe the legal and environmental factors for felling trees		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to fell and process trees up to 380mm

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to identify which trees need to be felled		
4.2 Describe alternative felling techniques for trees up to 200mm for:		
• Upright trees		
• Backward leaning trees		
• Trees heavily leaning/weighted in the intended felling direction		
4.3 Describe felling techniques for felling trees over 200mm for:		
• Upright trees		
• Backward leaning trees		
• Trees heavily leaning/weighted in the intended felling direction		
4.4 Describe how to recognise signs of disease and decay in trees and modify felling methods accordingly		
4.5 Explain the advantages of setting up or using a natural felling bench, brash mat or similar support prior to felling		
4.6 Explain how and when to use additional equipment, to assist with the felling of trees		
4.7 State how to recognise when a tree is difficult to fell		
4.8 Describe the additional safeguards to implement when felling:		
• In proximity to paths		
• Roads or areas with public access		
• Underground/above ground wayleaves		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know how to remove branches from felled trees using a chainsaw

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Describe how the method of removing branches will vary with tree species		
5.2 Describe how to identify tension and compression in branches		
5.3 State the risks to consider when removing branches		
5.4 State how and when to use equipment to assist with the snedding/de-limbing of trees		
5.5 Describe a technique for removing branches above shoulder height		
5.6 Explain the advantages of leaving a clean stem after snedding/de-limbing		
5.7 State how to deal with arisings after snedding/de-limbing		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know how to take down hung up trees

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe take down methods for a range of tree sizes		
6.2 Describe take down methods for trees using winches and other manual and mechanical means		
6.3 Identify where the danger areas are in relation to the trees being taken down		
6.4 State incorrect techniques for dealing with hung up trees		
6.5 Describe the appropriate actions to take if a tree cannot be taken down		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 438 Fell and process trees up to 380mm

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 439

Control pollution incidents

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and codes of practice						
1.6 Record clear and accurate information						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to control pollution incidents

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify the nature, extent and potential impact of the pollution incident						
2.2 Treat the pollution incident following agreed pollution control procedures						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
3.5 Outline the emergency planning procedures relevant to the work area		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to control pollution incidents

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain the chain of command and roles of personnel in a pollution incident		
4.2 Describe pollution control measures for oils, fuels, chemicals and silt		
4.3 Describe how high pressure, low water volume sprays are used in controlling pollution incidents and pollutants		
4.4 Explain the impact of fuels, oils, chemicals and silt as pollutants		
4.5 Describe the implications of terrain, ground conditions, vegetation type, season and weather		
4.6 Describe the use of absorbent materials to control surface borne pollutants		
4.7 Outline the possible penalties for different pollution incidents		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 439

Control pollution incidents

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 440

Build and maintain tools and devices to process coppice and greenwood products

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment safely						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to build and maintain tools and devices to process coppice and greenwood products

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Develop a clear and accurate specification to build tools or devices						
2.2 Source suitable materials to create the required components for tools or devices						
2.3 Prepare the required components for tools or devices						
2.4 Assemble tools or devices						
2.5 Ensure tools or devices are safe and fit for purpose						
2.6 Maintain tools and devices in safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment (PPE)		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to build and maintain tools and devices to process coppice and greenwood products

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe suitable materials and their assembly		
4.2 Explain the function of each part of a tool or device		
4.3 Evaluate different sources of information to obtain clear and comprehensive specifications for tools and devices		
4.4 Describe different designs and their relative merits		
4.5 Describe the primary function of tools and devices and modifications that can improve performance		
4.6 Explain the main causes of deterioration of tools and devices and measures to alleviate these causes		
4.7 Describe methods of maintaining the range of tools and devices		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe the equipment which will be required for the activity		
6.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 440

Build and maintain tools and devices to process coppice and greenwood products

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 441

Maintain coppice health and productivity

4 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE) safely						
1.3 Carry out work in accordance with relevant legislation, industry good practice, any additional requirements and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to achieve optimum coppice density and health

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify areas where stock density can be improved						
2.2 Increase coppice density						
2.3 Improve site conditions to encourage natural regeneration						
2.4 Control vertebrate pest damage using appropriate method						
2.5 Control unwanted weed vegetation using appropriate methods						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment		
3.3 Describe how environmental damage can be minimised		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to maintain coppice health and productivity

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe the effects of growing conditions and biodiversity on coppice health		
4.2 Describe the optimum coppice density appropriate to species, rotation and location		
4.3 Describe methods for improving coppice density		
4.4 Describe the main woodland sources of damage and their methods of control		
4.5 Describe the main plant species which cause damage and how these can be manipulated to optimise coppice growth		
4.6 Describe the conditions which affect the choice of appropriate management methods		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 441 Maintain coppice health and productivity

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 442

Treat and dispose of stumps and roots

3 credits

1. Be able to treat and dispose of stumps and roots

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Establish the condition of the stumps and roots to be treated						
1.2 Locate and protect services and property						
1.3 Use treatment methods which are appropriate to the landowner's requirements, legislation, the situation and industry guidelines						
1.4 Restore the site to a condition that is acceptable to landowner and specification						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select and use appropriate equipment for this area of work						
3.2 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to treat and dispose of stumps

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State how to identify, locate and protect services and property and why this is important		
4.2 Outline the importance of restoring site to acceptable condition		
4.3 Describe a range of methods for stump and root treatment and when these should be used		
4.4 Describe how to establish the condition of the stump to be treated		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
6.1 Describe the equipment and methods of maintaining the equipment which will be required for the activity		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 442 Treat and dispose of stumps and roots

Declaration

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Candidate Signature:	
Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 443

Resolve customer service problems

6 credits

1. Spot customer service problems

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Listen carefully to customers about any problem they have raised						
1.2 Ask customers about the problem to check their understanding						
1.3 Recognise repeated problems and alert the appropriate authority						
1.4 Share customer feedback with others to identify potential problems before they happen						
1.5 Identify problems with systems and procedures before they begin to affect customers						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Pick the best solution to resolve customer service problems

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify the options for resolving a customer service problem						
2.2 Work with others to identify and confirm the options to resolve a customer service problem						
2.3 Work out the advantages and disadvantages of each option for their customer and the organisation						
2.4 Pick the best option for their customer and the organisation						
2.5 Identify for their customer other ways that problems may be resolved if they are unable to help						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Take action to resolve customer service problems

Assessment criteria (Performance) The learner can:	Evidence date					
3.1 Discuss and agree the options for solving the problem with their customer						
3.2 Take action to implement the option agreed with their customer						
3.3 Work with others and their customer to make sure that any promises related to solving the problem are kept						
3.4 Keep their customer fully informed about what is happening to resolve the problem						
3.5 Check with their customer to make sure the problem has been resolved to the customer's satisfaction						
3.6 Give clear reasons to their customer when the problem has not been resolved to the customer's satisfaction						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to resolve customer service problems

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe organisational procedures and systems for dealing with customer service problems		
4.2 Explain how to defuse potentially stressful situations		
4.3 Describe how to negotiate		
4.4 Identify the limitations of what they can offer their customer		
4.5 Describe types of action that may make a customer problem worse and should be avoided		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 443

Resolve customer service problems

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 444

Safe use of a mobile elevated work platform

3 credits

1. Be able to prepare a mobile elevated work platform for operation

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify hazards and risks specific to the site, task and machine						
1.2 Rectify hazards and risks specific to site, task and machine						
1.3 State the personal protective equipment (PPE) that is required to operate a mobile elevated work platform						
1.4 Describe the function of all instruments and controls on the machine						
1.5 Explain the meaning of the safety decals on the mobile elevated work platform						
1.6 Carry out pre-start checks on the mobile elevated work platform						
1.7 State the legal and safety requirements relating to the use or movement of a mobile elevated work platform						
1.8 Identify the working load of the mobile elevated work platform						
1.9 Rig the mobile elevated work platform for work						
1.10 State the requirements for rigging on uneven or soft ground						
1.11 State the emergency procedures to be taken in the event of:						
<ul style="list-style-type: none"> • injury to operatives • mechanical failure 						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to operate a mobile elevated work platform

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 State environmental conditions when a mobile elevated work platform should not be raised						
2.2 Operate the mobile elevated work platform safely						
2.3 Undertake task from the mobile elevated work platform relevant to normal work situation						
2.4 Lower the mobile elevated work platform						
2.5 Describe how to perform an emergency descent from a mobile elevated work platform						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to prepare the mobile elevated work platform for transport

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Prepare the mobile elevated work platform for transport						
3.2 Describe the factors to be considered when cleaning mobile elevated work platforms and reasons for cleaning						
3.3 Explain the reasons to inspect the mobile elevated work platform after use						
3.4 Prepare the mobile elevated work platform for transport						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

Unit 444 Safe use of a mobile elevated work platform

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 445

Prepare horse for timber work

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE) safely						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare horse for timber work

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Care for horse in line with relevant welfare requirements throughout transportation						
2.2 Prepare the horse for extraction work in line with welfare requirements						
2.3 Fit appropriate harness and extraction accessories for wood product extraction						
2.4 Handle the horse to maintain control and welfare throughout operations						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment (PPE		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to prepare horse for timber work

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to prepare for emergencies relevant to the site		
4.2 State the implications of terrain, ground conditions, season, weather and timber type on handling, transporting and preparing the horse		
4.3 Describe the procedures involved in transporting and preparing horses for extraction work		
4.4 State how to fit various types of harnesses		
4.5 Describe the advantages and disadvantages of the different types of harnesses		
4.6 State how to handle horses safely and with regard to their welfare		
4.7 Describe how to provide for, and maintain, horse welfare in relation to the provision of food, water and rest		
4.8 Describe the capabilities of the horse used, in relation to:		
• fitness		
• temperament		
• experience		
• size		
• weight		
• type of extraction equipment used		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 445 Prepare horse for timber work

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 446 Plant trees

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, codes of practice, any additional requirements and maintains health and safety						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to plant trees

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Ensure the bio-security and the condition of the tree before transporting and establishment						
2.2 Check condition and species of tree in line with planting specification						
2.3 Handle plant material to minimise damage and optimise growth						
2.4 Plant trees in line with the planting specification						
2.5 Provide support and protection to trees appropriate to size of stock and specification						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to plant trees

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to choose the right quality, compatibility, size and species of stock		
4.2 Describe planting support and protection methods for a variety of trees		
4.3 Describe how to handle and plant different types of plant material to maintain stock in good condition		
4.4 State how to check the condition and bio-security of trees to ensure they are fit for establishment		
4.5 Describe aftercare requirements of newly planted trees to ensure successful establishment		
4.6 State why planting records should be kept		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 446 Plant trees

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 447

Prepare and operate hand fed machinery to process timber on site

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare machine for processing

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre and post-start checks, to test all operating functions prior to processing timber						
2.2 Plan work and the worksite and maintain safe working areas to operate machinery safely and efficiently						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to process timber on site

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Manoeuvre the machinery to ensure safe and efficient working						
3.2 Position the machinery to ensure safe and efficient working						
3.3 Process timber in accordance with the job specification						
3.4 Move timber products						
3.5 Stack timber products safely and in a position which facilitates subsequent handling						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to prepare machine for processing on site

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe the safety requirements, routine and functional checks required for machine and operator protection		
4.2 Describe the procedure for hitching and unhitching or loading and unloading the machine		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know how to process timber on site

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Describe the capabilities and limitations of the machinery used in relation to the diameter and quality of timber to be converted		
5.2 Explain the implications of terrain, ground conditions, season and weather on working and stacking areas, and on using machinery		
5.3 State the implications of converting long timber on machine operation		
5.4 Outline methods of grading, stacking and handling products and by-products, by hand and with the aid of handling machinery		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe the types of records that may be required for management and legislative purposes		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 447

Prepare and operate hand fed machinery to process timber on site

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 448

Clear sites for planting

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to clear sites for planting

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate clearance methods in line with specification and the site conditions						
2.2 Clear the site taking into account available resources, weather and ground conditions						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to clear sites for planting

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State how to deal with overhead or ground obstructions		
4.2 Describe the different methods for clearing sites		
4.3 Outline how to interpret specifications and select appropriate clearance methods		
4.4 State how the site conditions affect the selection of clearance methods		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 448 Clear sites for planting

Declaration

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Candidate Name:	
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Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 449

Prepare a safe working area for tree work operations

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to Prepare and maintain a safe working area

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Implement appropriate working methods in accordance with the risks						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to Prepare and maintain a safe working area

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State the key elements of a method statement		
4.2 State the correct location and positioning of warning signs and access controls		
4.3 Describe how to effectively lay out area		
4.4 Explain how species and condition of trees affect work		
4.5 Identify the responsibilities of the landowner		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 449

Prepare a safe working area for tree work operations

Declaration

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Candidate Signature:	
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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 450

Cross-cut timber using a chainsaw

1 credit

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which maintains health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to cross-cut timber using a chainsaw

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre-start checks and setting of the machine for use						
2.2 Inspect timber to identify tension and compression						
2.3 Demonstrate safe starting of the chainsaw						
2.4 Cross-cut timber to length using a chainsaw in accordance with the job specification						
2.5 Use appropriate boring cuts to initiate either tension or compression cuts						
2.6 Stack produce for subsequent operations using appropriate aids and tools						
2.7 Check timber is in an appropriate and safe position						
2.8 Clean and tidy working area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the key health and safety legislation and industry good practice		
3.2 Outline the emergency planning procedures relevant to the working area		
3.3 Describe how to use and equipment		
3.4 Describe how environmental damage can be minimised		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to cross-cut timber using a chainsaw

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe tension and compression in timber		
4.2 State recognised methods required to cross-cut timber above guide bar length		
4.3 Describe how to safely move timber:		
• By hand		
• With the use of aid tools		
• Mechanical assistance		
4.4 Explain how to grade and present logs for extraction and further processing		
4.5 State precautions to take to avoid uncontrolled timber movement		
4.6 Describe how to apply ergonomic working methods		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 450

Cross-cut timber using a chainsaw

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 451

Maintain open drainage systems

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to maintain open drainage systems

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Assess whether drains are still required						
2.2 Maintain drains to the given specification						
2.3 Make effective use of the available resources						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to maintain open drainage systems

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Outline the emergency planning procedures relevant to the work area		
4.2 Describe how to interpret plans and specification to maintain drainage system		
4.3 Describe how to clear drains and re-dig collapsed sections of drains		
4.4 Describe how to maintain drains in a range of soil types and situations		
4.5 Describe how to excavate material amongst standing trees		
4.6 Explain techniques that can be used for minor de-bogging		
4.7 Describe how to recognise specified aspects of the site that should be preserved		
4.8 State the implications of environmental factors		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 451 Maintain open drainage systems

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 452

Soil amelioration for tree health

1 credit

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to ameliorate soil for tree health

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Assess soil conditions to determine and recommend suitable amelioration techniques						
2.2 Advise appropriate person as to the likely outcome of amelioration techniques						
2.3 Carry out agreed site amelioration						
2.4 Recommend suitable aftercare to prevent the soil condition re-occurring in the future						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and Personal Protective Equipment		
3.3 Describe how environmental damage can be minimised		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to ameliorate soil for tree health

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe the signs and symptoms in the tree and/or the soil that would suggest the need for soil amelioration		
4.2 Describe the methods of soil amelioration and when each would be appropriate		
4.3 State the physiological problems of the tree and what the proposed treatment will achieve		
4.4 Describe the implications of seasonal and ground conditions for your work		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 452 Soil amelioration for tree health

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 453

Take delivery of and store plants and materials

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.2 Dispose of waste in line with legislation and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to take delivery and store plants and materials

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Check the condition of all plants and materials and that they are as detailed in the specification						
2.2 Transport plants and materials in a manner which minimises damage and ensures safety						
2.3 Store plants and materials in a manner which ensures safety and security						
2.4 Record information clearly and accurately						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to take delivery or and store plants and materials

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 State how to, and the importance of assessing the condition of plants and materials against specification		
4.2 Describe how to recognise healthy plants		
4.3 Describe the actions to take if the plants do not meet the specification or are in a poor condition		
4.4 State how to handle and store different types of plants, stock and materials to maintain them in good condition		
4.5 Describe how to safely and securely transport and store plants and materials		
4.6 Describe the appropriate records to be kept and their significance		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 453

Take delivery of and store plants and materials

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 454

Prepare, drive and operate a skidder

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to drive and manoeuvre a skidder

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre and post start checks to test all operating functions of the equipment						
2.2 Drive the machine on site in a safe and effective way						
2.3 Manoeuvre the machine on site in a safe and effective way						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to attach and detach timber on skidder

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Position machine to uplift timber						
3.2 Identify timber for extraction						
3.3 Uplift timber for extraction						
3.4 Use skidder attachment to bunch products safely and effectively						
3.5 Maintain the security of equipment when using skidder attachment						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to prepare, drive and manoeuvre machinery

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State the safety requirements, routine and functional checks required for machine and operator protection		
4.2 Describe safe driving techniques that should be used on site		
4.3 Describe the implications of terrain, ground conditions, season, weather and tree condition on planning access routes and driving the machine		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know how to attach and detach timber on skidder

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Outline the capabilities and capacity limitations of the skidder when attaching and loading timber		
5.2 Describe how to recognise and select type and species of timber according to specification		
5.3 Explain how produce might be segregated and/or graded to meet required specification		
5.4 Explain how and when to use a logging blade or butt plate to accumulate extracted timber		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe the types of records that may be required for management and legislative purposes		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 454 Prepare, drive and operate a skidder

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 455

Operate a grapple loader

2 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to operate a grapple loader

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Position machine for loading						
2.2 Use machine to load/feed wood products						
2.3 Grade products to facilitate subsequent handling, processing or uplift for onward dispatch						
2.4 Separate products to facilitate subsequent handling, processing or uplift for onward dispatch						
2.5 Stack produce flush to a safe and stable height and condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
3.2 Explain the importance of good teamwork and communication within the working environment		
3.3 Describe the types of records that may be required for management and legislative purposes		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to operate a grapple loader

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain the capabilities and limitations of the loader when loading and unloading		
4.2 Describe different methods of loading and unloading long logs poles or tree lengths		
4.3 Summarise safe stacking heights, stability of stacks and signing requirements		
4.4 State how to interpret products specifications		
4.5 Describe how to segregate and grade produce to meet required specification		
4.6 Describe how to recognise types of timber and species from converted produce		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 455 Operate a grapple loader

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 456

Monitoring and maintaining health and safety

3 credits

1. Be able to maintain health, safety and security in the workplace

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify health and safety risks in relation to the workplace covering the following:						
• people						
• equipment and materials						
• the work area						
1.2 Carry out specified measures to control risks and keep the appropriate people fully informed.						
1.3 Seek guidance on measures to control unfamiliar risks arising from non-routine work situations						
1.4 Relay health and safety information to others in a manner likely to be understood						
1.5 Take the appropriate action without delay as soon as an emergency is suspected						
1.6 Dispose of hazardous and non-hazardous waste safely and appropriately						
1.7 Maintain the security of the workplace in accordance with organisational requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to use equipment and materials safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Use equipment and materials in accordance with manufacturers' instructions and any organisational training						
2.2 Transport any equipment and materials safely and store them correctly at an approved location when not in use						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know the systems and procedures for maintaining health, safety and security

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
3.1 State the organisational requirements with regard to ensuring the security of the workplace		
3.2 Describe the roles and responsibilities for health and safety in the workplace under organisational policy and legislation		
3.3 State why inadequate measures to control risks should be reported.		
3.4 Describe procedures for different types of emergencies appropriate to the relevant industry		
3.5 Explain how the procedures for specific emergencies may be affected by location		
3.6 Identify different types of fire extinguishers and their use, relevant to the work area		
3.7 Describe the different forms of waste and appropriate methods of disposal		
3.8 Explain the relationship between security and safety within the workplace		
3.9 List any specific risks relevant to child safety in the workplace		
3.10 State how and why accidents should be reported		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand why equipment is transported and stored safely

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain how to transport and store equipment and materials safely		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know the reason for following manufacturers' guidance

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 State the importance of following manufacturers' and organisational instructions and the potential consequences and risks of not doing so		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Maintain good standards of health and safety for self and for others

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Supply the necessary personal medical information in accordance with organisational requirements		
6.2 Use and care for the correct personal protective equipment and clothing necessary for work		
6.3 Use approved methods of handling when moving and lifting items		
6.4 Use the appropriate personal and workplace hygiene at all times		
6.5 Provide accurate information about location so that contact can be made if necessary		
6.6 Work in a way which minimises risk to self, others and the environment		
6.7 Take appropriate action where incidents affect the health and safety of workers		
6.8 Report incidents without delay and complete records accurately, legibly and completely		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Understand how to maintain the health and safety of self and others

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Explain the roles in maintaining health and safety		
7.2 Explain the reasons for leaving information about location when working in isolation or in remote locations		
7.3 Explain why accidents should be reported without delay and recorded in the appropriate document		
7.4 Explain the methods of minimising environmental damage during work		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

8. Know the safe lifting techniques

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
8.1 Describe the safe methods for moving and lifting items		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

9. Know how to maintain health and safety

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
9.1 Describe the reasons for maintaining good personal and workplace hygiene		
9.2 State own ability to deal with health and safety emergencies (eg not carrying out actions beyond capabilities)		
9.3 Describe how to administer basic emergency first aid procedures		
9.4 Identify the types of personal protective equipment and clothing needed for work and how they must be used, cleaned, stored, inspected and replaced		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 456 Monitoring and maintaining health and safety

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 457

Control vertebrate pests and predators using traps

6 credits

1. Be able to determine the need for vertebrate pests and predator control

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Interpret signs to determine vertebrate pest and predator activity						
1.2 Modify monitoring activities to take account of seasonal variations, prevailing weather conditions and habitat						
1.3 Develop a trapping regime to control vertebrate pests and predators population						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to trap vertebrate pests and predators

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select a trapping method appropriate to the vertebrate pests and predators species						
2.2 Ensure the good working order of selected traps						
2.3 Establish traps in suitable locations to effectively catch target vertebrate pests and predators species and to minimise impact on non-target species						
2.4 Monitor and maintain traps according to legal requirements						
2.5 Approach trapped vertebrate pests and predators in a manner which maintains personal safety						
2.6 Despatch trapped vertebrate pests and predators humanely						
2.7 Release non-target species back into the wild in a manner which promotes their health and well-being and is consistent with legal requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste and mortalities responsibly according to legal requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to maintain accurate records

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Maintain accurate trapping records						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Know how to process timber on site

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Identify common mammal and bird pests and predators species		
5.2 Describe the significance and potential effects of vertebrate pests and predators		
5.3 Describe the behavioural characteristics of vertebrate pests and predators and how these can influence the control method selected		
5.4 Describe the effects of the seasons and weather conditions on monitoring activities		
5.5 Describe the effects of vertebrate pests and predators on animal/plant populations		
5.6 Explain how to interpret the following signs to determine pest and predator activity:		
• direct sightings		
• runs		
• footprints		

• damage to habitat		
• dead animals		
• kills		
• sounds		
• smells		
• droppings		
5.7 Describe the non-target species in the trapping area and how to recognise their presence		
5.8 Explain the detail of a trapping regime including:		
• the number of traps to be used		
• the type of traps to be used		
• the general location for the traps		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the legal requirements and codes of practice controlling the use of traps and snares		
6.2 Identify non-target species		
6.3 Explain how to limit the impact of trapping on non-target species		
6.4 Explain trapping methods and their correct implementation including positioning		
6.5 Describe how the following trap types function:		
• spring traps		
• cage traps		
• snares		
6.6 Explain why trapping methods need to be appropriate to the vertebrate pests, the characteristics of the site and location		
6.7 Outline the legal requirements controlling the use of traps and snares		
6.8 Describe the behavioural characteristics of vertebrate pests and predators and how these can assist the trapping process		
6.9 Explain how to humanely despatch different vertebrate pests and predators species		
6.10 Describe how to dispose of despatched vertebrate pests and predators safely		
6.11 Explain the methods used to release different non-target species safely in a way which promotes their health and well-being		
6.12 Explain how to identify suitability of chosen trap		

6.13 Explain how to maintain the condition of the live decoy, where appropriate		
6.14 Explain how to check and maintain the function of traps and snares		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Outline the current health and safety legislation, codes of practice and any additional requirements associated with trapping activities		
7.2 Outline the individual's specific responsibilities under environmental and conservation legislation in relation to monitoring and controlling pests and predators		
7.3 Explain how to minimise the dangers of disease or personal injury caused by handling trapped animals		
7.4 Describe how to safely dispose of vertebrate pests and predators according to legal requirements		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

8. Know how to maintain accurate records

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
8.1 Explain the reason for keeping accurate, up to date vertebrate pest and predator records		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 457

Control vertebrate pests and predators using traps

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 458

Produce wood fuel in a woodland or forest

3 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Carry out work in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation and industry good practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to produce wood fuel from a woodland or forest

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify suitable wood fuels to meet specifications						
2.2 Cut wood to specification						
2.3 Prepare wood to specification						
2.4 Stack wood fuel safely for seasoning						
2.5 Store wood fuel for seasoning appropriate to the production method						
2.6 Prepare wood fuel products to meet market requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, industry good practice and any additional requirements		
3.2 Describe how to use and maintain tools, equipment and personal protective equipment (PPE)		
3.3 Describe how environmental damage can be minimised		
3.4 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Know how to produce wood fuel in a woodland or forest

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe different wood fuel markets and products		
4.2 Explain the burning and processing qualities of different tree species		
4.3 Outline storage methods appropriate for different wood fuel products		
4.4 Explain how seasonality can affect the moisture content of different species and the production of wood fuel		
4.5 State how storage can affect moisture content		
4.6 State the significance of moisture content on the quality of the product		
4.7 Explain the wood burning process and devices for heat generation		
4.8 Outline the effect raw material will have on particle size and ash content		
4.9 Explain relevance of seasoning timber and the level required for different fuel wood products		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 458 Produce wood fuel in a woodland or forest

Declaration

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Candidate Name:	
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Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 459

Prepare and operate machinery to fell trees

5 credits

1. Be able to work safely

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and Personal Protective Equipment						
1.3 Carry out work specification in accordance with relevant legislation, industry good practice and maintains health and safety						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select and prepare machinery

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre and post-start checks to test all operating functions of the equipment						
2.2 Plan work and the work site to maintain safe working areas to operate the timber processor						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to drive and manoeuvre machinery

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Drive the machine on site and in a safe and effective way						
3.2 Manoeuvre the machine on site and in a safe and effective way						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to fell trees

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Identify trees in accordance with the job specification						
4.2 Fell trees in accordance with the job specification						
4.3 Use machinery in accordance with relevant legislation and manufacturer's instructions						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Know how to prepare, drive and manoeuvre machinery

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 State the safety requirements, routine and functional checks required for machine and operator protection		
5.2 Describe safe driving techniques that should be used on site		
5.3 Explain the implications of terrain, ground conditions, season, weather and tree condition on planning access routes and driving the machine		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know how to fell trees

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe how to recognise trees to be felled to meet the job specification		
6.2 Describe how to assess trees to determine felling method		
6.3 Explain how to carry out windblow clearance and other difficult and dangerous operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Outline current health and safety legislation, codes of practice and any additional requirements		
7.2 Explain why it is important to maintain good communication and team work within the working environment		
7.3 Describe the types of records that may be required for management and legislative requirements		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 459 Prepare and operate machinery to fell trees

Declaration

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Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 460

Construct, maintain and repair stiles

4 credits

1. Construct, maintain and repair stiles

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Construct, maintain or repair the stile to specification, and finish it in a way which fits in with the surrounding environment						
1.3 Take appropriate action without delay where problems occur during work including:						
• accidental damage						
• difficulties in meeting the specification disturbance to wildlife or environment						
1.4 Identify and report potential improvements to the work specification						
1.5 Make the site good when work is finished, and dispose of any waste or unwanted materials correctly and safely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain equipment for the construction, maintenance and repair of stiles

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment and materials for this area of work						
2.2 Use equipment according to instructions						
2.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair stiles

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe suitable methods for preparing the site		
4.2 Explain the proposed use of the stile and how this relates to the specification and operations		
4.3 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability to expected use and local tradition		

4.4	Outline the context within which the stile is set, and how this relates to the specification		
4.5	Explain the methods for constructing, maintaining and repairing stiles		
4.6	Describe the problems which may occur during operations and how these should be dealt with covering:		
	<ul style="list-style-type: none"> accidental damage 		
	<ul style="list-style-type: none"> difficulties in meeting the specification disturbance to wildlife or environment 		
4.7	Describe the environmental value of work sites, the potential effects of work on the environment and how to control these		
4.8	Describe the required condition of the site on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
5.1	Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work.		
5.2	Describe how environmental damage can be minimised		
5.3	Describe the correct methods for disposing of waste.		
5.4	Explain how to identify hazards and assess risks		
5.5	Explain how to interpret risk assessments		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 460

Construct, maintain and repair stiles

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 461

Carry out non chemical post-planting protection and maintenance

2 credits

1. Be able to carry out non chemical post planting protection

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Check all materials are those specified in the job specification and in a suitable condition						
1.2 Transport and store materials in a manner which minimises damage and ensures safety and security						
1.3 Carry out protection and maintenance in line with the job specification avoiding damage to the planted trees and to the environment						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Dispose of surplus was and/or waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance) The learner can:	Evidence date					
3.1 Select and use appropriate equipment for this area of work						
3.2 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to carry out non chemical plant protection

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Describe how to safely and securely transport and store materials		
4.2 State how to report any defects or deficiencies in materials and to whom		
4.3 Describe the range of protection and maintenance methods and how they are used		
4.4 Describe the range of damage that can be caused along with the damaging agents and how to protect against them		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of surplus materials and/or waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe the equipment which will be required for the activity and the methods of maintaining the range of equipment		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 461

Carry out non chemical post-planting protection and maintenance

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 462

Principles of forest and moorland fire fighting

2 credits

1. Know the principles of forest and moorland fire fighting

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Describe the personal protective equipment required for wildfire suppression operators						
1.2 Summarise the forest or estate fire plan, fire maps, symbols and other company working practices and industry good practice						
1.3 Describe the role of the emergency services and chain of command						
1.4 Describe the elements that are required for fire to exist						
1.5 Describe the phases of combustion (pre-heating, gas combustion and charcoal combustion)						
1.6 Outline how weather, topography and fuels affect fire behaviour, including rate of spread and fire intensity						
1.7 Describe fuel types and loads and the characteristics of grass, heather, forests and peat fires						
1.8 Describe the potential impact of wildfires and fire suppression activities on the environment						
1.9 Describe the purpose and value of firebreaks						
1.10 Describe when it is appropriate to extinguish fires and the suitable tactics, tools and equipment to use						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Know how to support forest and moorland fire fighting

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
2.1 Outline how to assess and report on key fire information		
2.2 Summarise the three main fire suppression strategies: direct, indirect and flanking attack		
2.3 Describe the phases of fire suppression operations covering: knockdown, containment, mop up and patrol		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

3. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 462 Principles of forest and moorland fire fighting

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 463

Construct, maintain and repair post and wire fence boundaries

4 credits

1. Construct, maintain and repair post and wire fence boundaries

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Identify the proposed line for the boundary from the specification and any special considerations which relate to the line including:						
• health and safety						
• environmental impact						
• access						
1.3 Construct, maintain or repair the boundaries to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take appropriate action without delay where problems occur during work including:						
• accidental damage						
• difficulties in meeting the specification disturbance to wildlife or environment						
1.5 Handle, manoeuvre and transport materials safely						
1.6 Identify and report potential improvements to the work specification						
1.7 Make the site good when work is finished, and dispose of any waste or unwanted materials correctly and safely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain equipment for the construction, maintenance and repair of post and wire fence boundaries

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment and materials for this area of work						
2.2 Use equipment according to instructions						
2.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair post and wire fence boundaries

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe suitable methods for preparing the site		
4.2 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability to expected use and local tradition		

4.3	Outline the context within which the boundary is set, and how this relates to the specification		
4.4	Describe the problems which may occur during operations and how these should be dealt with covering:		
	• accidental damage		
	• difficulties in meeting the specification disturbance to wildlife or environment		
4.5	Describe the environmental value of work sites, the potential effects of work on the environment and how to control these		
4.6	Describe the reasons for leaving the site in the required condition on completion of operations		
4.7	Describe the reasons for leaving the site in the required condition on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
5.1	Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work		
5.2	Describe how environmental damage can be minimised		
5.3	Describe the correct methods for disposing of waste		
5.4	Explain how to identify hazards and assess risks		
5.5	Explain how to interpret risk assessments		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
6.1	Describe the equipment which will be necessary for the construction, maintenance and repair of post and wire fence boundaries		
6.2	Describe methods of maintaining the equipment in a fit state for use		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 463

Construct, maintain and repair post and wire fence boundaries

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 464

Construct, maintain and repair post and rail boundaries

4 credits

1. Construct, maintain and repair post and rail boundaries

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Identify the proposed line for the boundary from the specification and any special considerations which relate to the line including:						
• health and safety						
• environmental impact						
• access						
1.3 Construct, maintain or repair the boundaries to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take appropriate action without delay where problems occur during work including:						
• accidental damage						
• difficulties in meeting the specification disturbance to wildlife or environment						
1.5 Handle, manoeuvre and transport materials safely						
1.6 Identify and report potential improvements to the work specification						
1.7 Make the site good when work is finished, and dispose of any waste or unwanted materials correctly and safely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain equipment for the construction, maintenance and repair of post and rail fence boundaries

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment and materials for this area of work						
2.2 Use equipment according to instructions						
2.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair post and rail fence boundaries

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe suitable methods for preparing the site		
4.2 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability to expected use and local tradition		

4.3	Outline the context within which the boundary is set, and how this relates to the specification		
4.4	Describe the problems which may occur during operations and how these should be dealt with covering:		
	• accidental damage		
	• difficulties in meeting the specification disturbance to wildlife or environment		
4.5	Describe the environmental value of work sites, the potential effects of work on the environment and how to control these		
4.6	Describe the reasons for leaving the site in the required condition on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
5.1	Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work.		
5.2	Describe how environmental damage can be minimised		
5.3	Describe the correct methods for disposing of waste.		
5.4	Explain how to identify hazards and assess risks		
5.5	Explain how to interpret risk assessments		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
6.1	Describe the equipment which will be necessary for the construction, maintenance and repair of post and rail fence boundaries		
6.2	Describe methods of maintaining the equipment in a fit state for use		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 464

Construct, maintain and repair post and rail boundaries

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 465

Construct, maintain and repair banks

4 credits

1. Construct, maintain and repair banks

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Identify the proposed line for the boundary from the specification and any special considerations which relate to the line including:						
• health and safety						
• environmental impact						
• access						
1.3 Construct, maintain or repair the boundaries to specification, and finish it in a way which fits in with the surrounding environment						
1.4 Take appropriate action without delay where problems occur during work including:						
• accidental damage						
• difficulties in meeting the specification disturbance to wildlife or environment						
1.5 Handle, manoeuvre and transport materials safely						
1.6 Identify and report potential improvements to the work specification						
1.7 Make the site good when work is finished, and dispose of any waste or unwanted materials correctly and safely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain equipment for the construction, maintenance and repair of banks

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment and materials for this area of work						
2.2 Use equipment according to instructions						
2.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair banks

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe suitable methods for preparing the site		
4.2 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability to expected use and local tradition		

4.3	Outline the context within which the boundary is set, and how this relates to the specification		
4.4	Describe the problems which may occur during operations and how these should be dealt with covering:		
	<ul style="list-style-type: none"> accidental damage 		
	<ul style="list-style-type: none"> difficulties in meeting the specification disturbance to wildlife or environment 		
4.5	Describe the environmental value of work sites, the potential effects of work on the environment and how to control these		
4.6	Describe the reasons for leaving the site in the required condition on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
5.1	Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work.		
5.2	Describe how environmental damage can be minimised		
5.3	Describe the correct methods for disposing of waste.		
5.4	Explain how to identify hazards and assess risks		
5.5	Explain how to interpret risk assessments		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
6.1	Describe the equipment which will be necessary for the construction, maintenance and repair of banks		
6.2	Describe methods of maintaining the equipment in a fit state for use		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 465

Construct, maintain and repair banks

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 466

Construct, maintain and repair access gates

4 credits

1. Construct, maintain and repair access gates

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Prepare the site appropriately, and in a way which minimises the effect on the surrounding environment						
1.2 Construct, maintain or repair the access point to specification, and finish it in a way which fits in with the surrounding environment						
1.3 Take appropriate action without delay where problems occur during work including:						
• accidental damage						
• difficulties in meeting the specification disturbance to wildlife or environment						
1.4 Identify and report potential improvements to the work specification						
1.5 Make the site good when work is finished, and dispose of any waste or unwanted materials correctly and safely						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to select, use and maintain equipment for the construction, maintenance and repair of access gates

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Select appropriate equipment and materials for this area of work						
2.2 Use equipment according to instructions						
2.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements						
3.2 Carry out work in a manner which minimises environmental damage						
3.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair access gates

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Describe suitable methods for preparing the site		
4.2 Explain the proposed use of the access point and how this relates to the specification and operations		
4.3 Outline how to interpret and use relevant specifications covering:		
• setting out and location		
• materials and resources		
• timing and timescales		
• working methods		
• suitability to expected use and local tradition		

4.4	Outline the context within which the access gate is set, and how this relates to the specification		
4.5	Explain the methods for constructing, maintaining and repairing access gates		
4.6	Describe the problems which may occur during operations and how these should be dealt with covering:		
	<ul style="list-style-type: none"> accidental damage 		
	<ul style="list-style-type: none"> difficulties in meeting the specification disturbance to wildlife or environment 		
4.7	Describe the environmental value of work sites, the potential effects of work on the environment and how to control these		
4.8	Describe the required condition of the site on completion of operations		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

5. Know the current health and safety legislation and environmental good practice

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
5.1	Outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work.		
5.2	Describe how environmental damage can be minimised		
5.3	Describe the correct methods for disposing of waste.		
5.4	Explain how to identify hazards and assess risks		
5.5	Explain how to interpret risk assessments		
		Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)		Portfolio reference	
The learner can:			
6.1	Describe the equipment which will be necessary for the construction, maintenance and repair of access gates		
6.2	Describe methods of maintaining the equipment in a fit state for use		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report			

Unit 466

Construct, maintain and repair access gates

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 467

Construct, maintain and repair reinforced paths

3 credits

1. Be able to construct, maintain and repair reinforced paths

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the proposed line for the reinforced path and the special considerations						
1.2 Take steps to ensure that other site users are not put at risk by work by:						
• providing information (signs etc.)						
• re-routing access away from unsafe areas						
• speaking to others on site						
1.3 Provide drainage to specification to suit the site's needs and its expected levels of use						
1.4 Construct, maintain or repair the reinforced path to specification, and finish it in a way which fits in with the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.5 Use appropriate methods to reduce the impact of erosion on areas around the path						
1.6 Leave the site in a suitable condition when the work is finished.						
1.7 Inform the appropriate person of any potential improvements to the work specification which are identified						
• remedying the situation						
• informing others who need to act						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair reinforced paths

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 State how to identify hazards, assess risks and interpret risk assessments						
4.2 State the importance of using appropriate materials to produce a path which is fit for use and fits into the surrounding environment						
4.3 State the methods for preparing the site and how to create suitable foundations and drainage						
4.4 Describe the purpose of the path and how this relates to the specification and operations						
4.5 Describe how to interpret and use relevant specifications						

4.6 Describe the methods for constructing, maintaining and repairing reinforced paths						
4.7 Describe the special considerations which relate to the proposed line to include:						
• health and safety						
• environmental impact						
• access						
• site use						
• site drainage and soils						
• site topography						
4.8 State the problems which may occur during operations and how these should be dealt with						
• accidental damage						
• difficulties in meeting the specification						
• disturbance to wildlife or environment						
4.9 Describe how the site should be left on completion of operations						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Know the difference between reinforced paths and other types of path

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 State the defining characteristics of reinforced paths compared to the following:		
• aggregate paths		
• flag paths		
• boardwalk paths		
• stone pitched paths		
• bark paths		
5.2 Identify typical uses of a reinforced path		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe how environmental damage can be minimised		
6.3 Describe the correct methods for disposing of waste		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 467

Construct, maintain and repair reinforced paths

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 468

Construct, maintain and repair flag paths

4 credits

1. Be able to construct, maintain and repair flag paths

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the proposed line for the flag path and any special considerations						
1.2 Take steps to ensure that other site users are not put at risk by work including:						
• providing information (signs etc.)						
• re-routing access away from unsafe areas						
• speaking to others on site						
1.3 Provide drainage to specification to suit the site's needs and its expected levels of use						
1.4 Construct, maintain or repair the flag path to specification, and finish it in a way which fits in with the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.5 Use appropriate methods to reduce the impact of erosion on areas around the path						
1.6 Leave the site in a suitable condition when the work is finished.						
1.7 Inform the appropriate person of any potential improvements to the work specification which are identified						
• remedying the situation						
• informing others who need to act						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair flag paths

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State how to identify hazards, assess risks and interpret risk assessments		
4.2 State the importance of using appropriate materials to produce a flag path which is fit for use and fits into the surrounding environment		
4.3 State the suitable methods for preparing the site and how to create suitable foundations and drainage		
4.4 Describe how to interpret and use relevant specifications		
4.5 Describe the methods for constructing, maintaining and repairing flag paths and their usefulness for different path contexts		
4.6 Describe all the special considerations which relate to the proposed line to include:		
• health and safety		
• environmental impact		

• access		
• site use		
• site drainage and soils		
• site topography		
4.7 State the problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.8 Describe how the site should be left on completion of operations		
4.9 State the suitable methods for preparing the site and how to create suitable foundations and drainage		
4.10 Describe how to interpret and use relevant specifications		
4.11 Describe the methods for constructing, maintaining and repairing flag paths and their usefulness for different path contexts		
4.12 Describe all the special considerations which relate to the proposed line to include:		
• health and safety		
• environmental impact		
• access		
• site use		
• site drainage and soils		
• site topography		
4.13 State the problems which may occur during operations and how these should be dealt with:		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.14 Describe how the site should be left on completion of operations		
4.15 State the problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.16 Describe how the site should be left on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know the difference between flag paths and other types of path

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 State the defining characteristics of flag paths compared to the following:		
• stone pitched paths		
• aggregate paths		
• reinforced paths		
• bark paths		
5.2 Identify typical uses of a flag path		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe how environmental damage can be minimised		
6.3 Describe the correct methods for disposing of waste		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 468

Construct, maintain and repair flag paths

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 469

Construct, maintain and repair boardwalks

4 credits

1. Be able to construct, maintain and repair boardwalks

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the proposed line for the boardwalk path and the special considerations						
1.2 Take steps to ensure that other site users are not put at risk by work including:						
• providing information (signs etc.)						
• re-routing access away from unsafe areas						
• speaking to others on site						
1.3 Provide drainage to specification to suit the site's needs and its expected levels of use						
1.4 Construct, maintain or repair the boardwalk to specification, and finish it in a way which fits in with the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
suitability of expected use and local tradition						
1.5 Use appropriate methods to reduce the impact of erosion on areas around the path						
1.6 Leave the site in a suitable condition when the work is finished.						
1.7 Inform the appropriate person of any potential improvements to the work specification which are identified						
• remedying the situation						
• informing others who need to act						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair boardwalks

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State how to identify hazards, assess risks and interpret risk assessments		
4.2 State the importance of using appropriate materials to produce a boardwalk which is fit for use and fits into the surrounding environment		
4.3 Describe suitable methods for preparing the site and how to create suitable foundations and drainage		
4.4 Describe how to interpret and use relevant specifications		
4.5 Describe the methods for constructing, maintaining and repairing boardwalks and their usefulness for different path contexts		
4.6 Describe all the special considerations which relate to the proposed line to include:		

• health and safety		
• environmental impact		
• access		
• site use		
• site drainage and soils		
• site topography		
4.7 State the problems which may occur during operations and how these should be dealt with:		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.8 Describe how the site should be left on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know the difference between boardwalk paths and other types of path

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 State the defining characteristics of boardwalk paths compared to the following:		
• stone pitched paths		
• flag paths		
• aggregate paths		
• reinforced paths		
• bark paths		
5.2 Identify a typical use of a boardwalk path		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe how environmental damage can be minimised		
6.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 469

Construct, maintain and repair boardwalks

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 470

Construct, maintain and repair bark paths

4 credits

1. Be able to construct, maintain and repair bark paths

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the proposed line for the bark path and the special considerations						
1.2 Take steps to ensure that other site users are not put at risk by work by:						
• providing information (signs etc.)						
• re-routing access away from unsafe areas						
• speaking to others on site						
1.3 Provide drainage to specification to suit the site's needs and its expected levels of use						
1.4 Construct, maintain or repair the bark path to specification, and finish it in a way which fits in with the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.5 Use appropriate methods to reduce the impact of erosion on areas around the path						
1.6 Leave the site in a suitable condition when the work is finished						
1.7 Inform the appropriate person of any potential improvements to the work specification which are identified						
• remedying the situation						
• informing others who need to act						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to construct, maintain and repair bark paths

Assessment criteria (Knowledge)	Portfolio reference
The learner can:	
4.1 State how to identify hazards, assess risks and interpret risk assessments	
4.2 State the importance of using appropriate materials to produce a path which is fit for use and fits into the surrounding environment	
4.3 State the methods for preparing the site and how to create suitable foundations and drainage	
4.4 Describe the purpose of the path and how this relates to the specification and operations	
4.5 Describe how to interpret and use relevant specifications	
4.6 Describe the methods for constructing, maintaining and repairing bark paths	

4.7 Describe the special considerations which relate to the proposed line to include:		
• health and safety		
• environmental impact		
• access		
• site use		
• site drainage and soils		
• site topography		
4.8 State the problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
4.9 Describe how the site should be left on completion of operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe the equipment which will be required for the activity		
6.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 470

Construct, maintain and repair bark paths

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 471

Construct, maintain and repair aggregate paths

4 credits

1. Be able to construct, maintain and repair aggregate paths

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the proposed line for the aggregate path						
1.2 Take steps to ensure that other site users are not put at risk by work including:						
• providing information (signs etc.)						
• re-routing access away from unsafe areas						
• speaking to others on site						
1.3 Provide drainage to specification to suit the site's needs and its expected levels of use						
1.4 Construct, maintain or repair the aggregate path to specification, and finish it in a way which fits in with the surrounding environment to include:						
• setting out and location						
• materials and resources						
• timing and timescales						
• working methods						
• suitability of expected use and local tradition						
1.5 Use appropriate methods to reduce the impact of erosion on areas around the path						
1.6 Leave the site in a suitable condition when the work is finished.						
1.7 Inform the appropriate person of any potential improvements to the work specification which are identified						
• remedying the situation						
• informing others who need to act						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of waste safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, use and maintain relevant equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select appropriate equipment for this area of work						
3.2 Use equipment according to relevant legislation and manufacturer's instructions						
3.3 Prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know the different types of path

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State the defining characteristics of an aggregate path compared to the following:		
• stone pitched paths		
• flag paths		
• boardwalks		
• reinforced paths		
• bark paths		
4.2 State the typical use of an aggregate path		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Outcome 1 Know how to construct, maintain and repair paths

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
5.1 State how to identify hazards, assess risks and interpret risk assessments		
5.2 State the importance of using appropriate materials to produce a path which is fit for use and fits into the surrounding environment		
5.3 State the methods for preparing the site and how to create suitable foundations and drainage		
5.4 State the purpose of the path and how this relates to the specification and operations		
5.5 Describe how to interpret and use relevant specifications		
5.6 Describe the methods for constructing, maintaining and repairing paths		
5.7 Describe special considerations which relate to the line to include:		
• health and safety		
• environmental impact		
• access		
• site use		
• site drainage and soils		
• site topography		
5.8 State the problems which may occur during operations and how these should be dealt with		
• accidental damage		
• difficulties in meeting the specification		
• disturbance to wildlife or environment		
5.9 Describe how the site should be left on completion of operations		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
6.2 Describe how environmental damage can be minimised		
6.3 Describe the correct methods for disposing of waste		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Describe the equipment which will be required for the activity		
7.2 Describe the methods of maintaining the range of equipment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 471

Construct, maintain and repair aggregate paths

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 472

Dispose of stumps and roots

1 credit

1. Be able to dispose of stumps and roots

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Establish the condition of the stumps						
1.2 Locate and protect services and property						
1.3 Use method of extraction/disposal appropriate to stump and root condition with regard to the landowner’s requirements, the situation and industry guidelines						
1.4 Restore the site to a condition that is acceptable to landowner and specification						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to work safely and minimise environmental damage

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements						
2.2 Carry out work in a manner which minimises environmental damage						
2.3 Dispose of residue/arising safely and correctly						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to select, prepare use and maintain equipment

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Select and use appropriate equipment for this area of work						
3.2 Check, prepare, maintain and store equipment in a safe and effective working condition						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Know how to treat and dispose of stumps and roots

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 State how to identify, locate and protect services and why this is important		
4.2 Outline the importance of restoring site to acceptable condition		
4.3 Describe methods for stump and root extraction/ disposal and when these should be used		
4.4 Describe how to establish the condition of stump		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Outline the current health and safety legislation, codes of practice and any additional requirements		
5.2 Describe how environmental damage can be minimised		
5.3 Describe the correct methods for disposing of waste.		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Know the types of equipment required and how to maintain them

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
6.1 Describe the equipment and methods of maintaining the equipment which will be required for the activity		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 472 Dispose of stumps and roots

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 507

Construct a greenwood product to client specification

8 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Carry out work in accordance with relevant legislation, industry best practice						
1.3 Use tools, equipment and personal protective equipment (PPE)						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to construct a greenwood product to client specification

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Obtain an accurate specification of the greenwood product						
2.2 Prepare a quotation for constructing the greenwood product						
2.3 Check materials are suitable and appropriate to meet product specification						
2.4 Construct a greenwood product to a design specification						
2.5 Provide advice to minimise degradation of products in use, storage and transit						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Explain the importance of risk assessment		
3.2 Summarise current health and safety legislation and industry good practice		
3.3 Explain the importance of maintaining tools, equipment and personal protective equipment (PPE)		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand the principles of constructing greenwood products

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain the costing out of product including time and costs		
4.2 Explain commonly used methods for specifying greenwood products		
4.3 Explain different products used to finish and preserve a completed greenwood product and their application		
4.4 Compare different types of joints and their uses		
4.5 Outline the need for product liability and when it is appropriate		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 507

Construct a greenwood product to client specification

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

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Candidate Signature:	
Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 510

Prepare for and agree emergency tree work operations

5 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which promotes health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to prepare for and agree emergency treework operations

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Prepare vehicle(s) and kit in anticipation of an emergency						
2.2 Install suitable controls						
2.3 Agree and establish an efficient and effective communication system with all the other services on site						
2.4 Agree and establish an emergency plan and a method of work that is appropriate to the safety of those involved, the working area and the complexity of the situation						
2.5 Check appropriate traffic management systems are in place to protect the workforce						
2.6 Check that the emergency services have taken all necessary actions prior to undertaking treework operations						
2.7 Match the skills and experience of personnel to the treework operations and the complexity of the situation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
3.1 Explain the process of risk assessment		
3.2 Outline the emergency planning procedures relevant to the work area		
3.3 Summarise current health and safety legislation and industry good practice		
3.4 Explain the importance of maintaining tools, equipment and personal protective equipment		
3.5 Describe the potential environmental damage that could occur and how to respond appropriately		
3.6 Explain the correct methods for disposing of waste		
3.7 Explain the records required for management and legislative purposes and the importance of maintaining them		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand how to prepare for and agree emergency treework operations

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain the importance of responding appropriately to the urgency of the emergency		
4.2 Explain why it is important to have vehicles and kit prepared in anticipation of any emergency		
4.3 Investigate where to research advance warning of emergencies, such as weather		
4.4 Explain how to deploy the workforce efficiently and effectively		
4.5 Explain how to identify the presence and significance of utilities		
4.6 Explain contingency planning for different emergencies		
4.7 Explain how to secure sites for safe and effective working including the correct location and positioning of warning signs and access controls		
4.8 Explain how the complexity of the situation can impact on the treework operations		
4.9 Explain how to prioritise emergencies		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 510

Prepare for and agree emergency tree work operations

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 511 Lay a hedge

4 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Carry out work in accordance with relevant legislation, industry good practice, any additional requirements and maintains health and safety						
1.3 Use tools, equipment and personal protective equipment (PPE)						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to plan to lay a hedge

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Identify the main purpose and species of the hedge						
2.2 Determine the style in which the hedge laying will take place taking account of regional variances						
2.3 Identify which hedgerow trees are to be retained and if any special protection measures exist						
2.4 Estimate the number of plants required to restock the gaps						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to lay a hedge

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Identify the direction in which the hedge will be laid and where laying will commence						
3.2 Select pleachers to meet specification						
3.3 Cut pleachers at the correct angle, maintaining viable hinges and reduce stumps appropriately						
3.4 Lay pleachers to meet specification						
3.5 Sharpen stakes as required						
3.6 Install stakes at determined spacing in accordance with the style of hedging						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
4.1 Explain the importance of risk assessment		
4.2 Summarise current health and safety legislation and industry good practice		
4.3 Explain the importance of maintaining tools, equipment and personal protective equipment (PPE)		
4.4 Describe the potential environmental damage that could occur and how to respond appropriately		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

5. Know how to lay a hedge

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Explain the reasons for laying hedges		
5.2 State the most appropriate time of year to lay hedges		
5.3 Explain the effect of your work on wildlife habitat		
5.4 Describe different hedgerow species and their characteristics		
5.5 Explain the different styles of hedge laying and regional variances		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 511 Lay a hedge

Declaration

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Candidate Signature:	
Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 512

Extract timber using a horse

8 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Carry out work in accordance with relevant legislation, industry good practice and promotes health and safety						
1.3 Use tools, equipment and personal protective equipment (PPE) safely						
1.4 Carry out work to minimise environmental damage						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to extract timber using a horse

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Maintain access and extraction routes in a serviceable condition						
2.2 Extract wood products effectively and efficiently using agreed extraction routes						
2.3 Unload products						
2.4 Grade products according to the specification						
2.5 Accumulate products in agreed area to facilitate uplift and onward dispatch						
2.6 Maintain the health and welfare of the horse throughout the activity						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Explain the importance of risk assessment		
3.2 Outline the emergency planning procedures relevant to the work area		
3.3 Summarise current health and safety legislation and industry good practice		
3.4 Explain the importance of maintaining tools, equipment and personal protective equipment (PPE)		
3.5 Describe the potential environmental damage that could occur and how to respond appropriately		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand the extraction of timber using a horse

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain how to interpret product specifications and select produce into product categories during loading		
4.2 Explain how the slope limitations and maximum safe working load impact on the capabilities and limitations of the horse		
4.3 Explain the implications of terrain, ground conditions, season, weather, load and timber type/condition on planning access routes and driving the horse		
4.4 State the effect of unbalanced loads on extraction		
4.5 Explain methods of grading, stacking and handling products to meet specification/customer requirements		
4.6 Explain the importance of monitoring and maintaining the health and welfare of the horse throughout		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 512 Extract timber using a horse

Declaration

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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 520

Carry out aerial pruning of a tree

3 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Work in a way which promotes health and safety, is consistent with relevant legislation and industry good practice						
1.3 Use and maintain tools, equipment and personal protective equipment (PPE)						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste safely in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to carry out aerial pruning of a tree

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Perform a hazard evaluation and Work At Height assessment prior to carrying out the work						
2.2 Use access and positioning methods appropriate to the assessed risk(s)						
2.3 Inspect all access equipment to ensure it is safe and fit for use under manufacturers instructions and relevant legislation						
2.4 Select an appropriate anchor point if climbing or appropriate position of Mobile Elevated Work Platform (MEWP) according to the work situation						
2.5 Reassess the anchor point for climbing or positioning of Mobile Elevated Work Platform (MEWP) throughout the work						
2.6 Apply pruning specification						
2.7 Carry out pruning operations in accordance with industry good practice						
2.8 Check all arisings are dropped/thrown into planned drop zone without compromising the access equipment or damage to the infrastructure						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
3.1 Explain the importance of risk assessment		
3.2 Outline the emergency planning procedures relevant to the work area		
3.3 Summarise current health and safety legislation and industry good practice		
3.4 Explain the importance of maintaining tools, equipment and personal protective equipment		
3.5 Describe the potential environmental damage that could occur and how to respond appropriately		
3.6 Explain the correct and appropriate methods for disposing of waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand how to carry out aerial pruning of a tree

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain control measures to be implemented relevant to the working area and proposed works		
4.2 Explain how to evaluate the tree for hazards and the implications of the hazards when identified		
4.3 Explain the importance of accurate and appropriate cuts when removing branch material		
4.4 Explain how tree species, their condition and the time of year affect the work		
4.5 Evaluate the advantages and disadvantages of pruning tools to the selected pruning operations		
4.6 Explain the additional precautions that may be taken during re-pollarding of trees		
4.7 Define pruning prescriptive terms and measurements		
4.8 Explain measurement terms and how to apply them		
4.9 Explain the basic principles of target pruning and the effect on tree pruning operations		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 520

Carry out aerial pruning of a tree

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 525

Sever uprooted or wind blown trees using a chainsaw

4 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Identify the hazards and risks associated with the working area and the proposed work						
1.2 Use appropriate tools, equipment and personal protective equipment (PPE)						
1.3 Work in a way which promotes health and safety and is consistent with relevant legislation and industry good practice						
1.4 Carry out work to minimise environmental damage						
1.5 Dispose of waste in line with legislation						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to sever uprooted and windblown trees using a chainsaw

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Carry out pre-start checks and setting of the machine for use						
2.2 Plan and agree a system of work						
2.3 Prepare site and establish escape route						
2.4 Demonstrate safe starting of the chainsaw						
2.5 Prepare stems						
2.6 Sever stems under significant tension and compression						
2.7 Secure the root plate with a winch						
2.8 Sever the root plates using a recognised severing method appropriate to the tree size and condition						
2.9 Prepare broken and partially windblown trees using appropriate methods and aid tools for felling						
2.10 Fell broken trees using appropriate methods and aid tools						
2.11 Fell partially windblown trees using appropriate methods and aid tools						
2.12 Turn tree and remove under branches using appropriate method and aid tools						
2.13 Cross-cut timber to length in accordance with the specification						
2.14 Stack produce for subsequent operations using appropriate aids and tools						
2.15 Check that trees, timber and root plates are in a safe, appropriate position and condition						
2.16 Clean and tidy working area						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 Explain the risk assessment process		
3.2 Outline the emergency planning procedures relevant to the work area		
3.3 Summarise current health and safety legislation and industry good practice		
3.4 Explain the importance of maintaining tools, equipment and personal protective equipment		
3.5 Describe the potential environmental damage that could occur and how to respond appropriately		
3.6 Explain methods for disposing of waste		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand how to sever uprooted or windblown trees using a chainsaw

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 Explain top, bottom and side tension and compression in timber		
4.2 Explain the risks involved and precautions to be taken by the chainsaw operator when cutting timber under high tension		
4.3 State when winch restraint of a root plate or stem is necessary		
4.4 Describe how to set up winch for restraint of side tension or to prevent uncontrolled movement of timber		
4.5 Explain why severing butts may be made a distance of a 'long log' from the root plate and the associated hazards		
4.6 Describe the alternative methods that can be used to sever timber under very severe tension		
4.7 Describe how to make root plates safe after severing		
4.8 Explain the factors to consider and additional safety precautions when using winches		
4.9 Describe how to maintain safety on site when machinery is present		
4.10 Describe the situations where a banksman would be used and the means of communication with the operator		
4.11 Describe the methods of severing uprooted trees, under and over guide bar length in diameter		
4.12 Describe how to sever partly uprooted or windblown trees		
4.13 Describe how to fell broken trees with:		
• hanging tops		
• partially broken tops which are in contact with the ground		
4.14 Explain the advantages and methods of removing a broken top prior to felling		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 525

Sever uprooted or wind blown trees using a chainsaw

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 530

Prepare deer for human consumption

6 credits

1. Be able to transport and store dead deer

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 Establish preparation and storage areas in an hygienic condition suitable for receiving deer carcasses						
1.2 Transport carcass in an hygienic manner to maintain its quality						
1.3 Transport and store deer according to legal requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be to able prepare and inspect dead deer

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 Ensure tools and equipment are ready for use						
2.2 Bleed and gralloch carcass hygienically and efficiently						
2.3 Identify status of deer carcass						
2.4 Dress deer carcass by removing:						
• head						
• feet						
• viscera						
• reproductive organs						
2.5 Inspect carcass, organs and lymph sites for normality according to legal requirements						
2.6 Take appropriate action when carcass abnormality is identified, according to legal requirements						
2.7 Clean and store tools and equipment after use						
2.8 Prepare individual carcass declarations						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to promote health and safety and environmental good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 Work in a way which promotes health and safety, is consistent with relevant legislation, codes of practice and any additional requirements						
3.2 Manage and dispose of waste in accordance with legislative requirements and codes of practice						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to maintain accurate records

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 Maintain accurate carcass records according to legal requirements						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Understand how to transport and store dead deer

Assessment criteria (Knowledge)	Portfolio reference	
The learner can:		
5.1 Explain how incorrect handling practices can damage game meat		
5.2 Describe the proper techniques to be used to handle, transport and store large game carcasses		
5.3 Outline industry codes of practice controlling the transport and storage of dead deer		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

6. Understand how to prepare and inspect dead deer in preparation for human consumption

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
6.1 Describe how to identify status of deer in terms of:		
• sex		
• weight		
• reproductive state		
• age class		
• condition		
6.2 Explain how to inspect deer carcasses to establish if condition is acceptable to enter food chain, including smell and appearance of deer carcasses, organs and lymph sites		
6.3 Describe the quality requirements for game entering the food chain including permitted levels of flesh damage		
6.4 Describe the proper techniques used to bleed, gralloch and eviscerate deer carcasses		
6.5 Outline the industry codes of practice controlling the preparation of deer carcasses		
6.6 Outline the legal requirements controlling the design and construction of game transport and larder facilities and the tools and equipment used in the preparation of game		
6.7 Specify the action to take if carcass abnormalities are identified		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

7. Understand relevant health and safety legislation and environmental good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
7.1 Summarise current health and safety legislation, codes of practice and any additional requirements		
7.2 Explain the principles of basic hygiene as it applies to the handling of deer carcasses		
7.3 Explain the principles of HACCP as they apply to the supply of game carcasses for human consumption		
7.4 Specify individual responsibilities under the current food hygiene regulations		
7.5 Describe how environmental damage can be minimised during stalking and culling		
7.6 Describe the correct methods for disposing of organic and inorganic waste		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

8. Know how to maintain accurate records

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
8.1 Explain the reason for keeping accurate, up-to-date cull records in respect to:		
• carcass details		
• culling details		
8.2 Summarise the legal requirements that control the maintenance of cull records		
8.3 Outline the legal requirements controlling record keeping, labelling and traceability for game meat entering the food chain		
8.4 Describe the individual declaration from the competent person to accompany each carcass to the game handling establishment		
Type of evidence →		
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 530

Prepare deer for human consumption

Declaration

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 541

Carry out aerial rescue operations

3 credits

1. Be able to promote health and safety and industry good practice

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 identify the hazards and risks associated with the working area and the proposed work						
1.2 work in a way which promotes health and safety, is consistent with relevant legislation and industry good practice						
1.3 use access and tree climbing equipment and personal protective equipment (PPE)						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to carry out aerial rescue operations

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 perform a hazard evaluation of the tree and Work at Height assessment prior to commencing the work						
2.2 inspect access equipment to ensure it is safe and fit for use under manufacturer’s instructions and relevant legislation						
2.3 use access and positioning methods appropriate to the assessed risks						
2.4 identify the rescue technique appropriate to the nature of the incident						
2.5 prepare a rescue plan						
2.6 implement the rescue plan						
2.7 use appropriate positioning techniques in the tree						
2.8 communicate appropriately throughout						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Understand relevant health and safety legislation and industry good practice

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
3.1 explain the risk assessment process		
3.2 outline the emergency planning procedures relevant to the work area		
3.3 summarise current health and safety legislation and industry good practice		
3.4 explain the importance of inspecting equipment following an aerial rescue		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

4. Understand how to carry out aerial rescue operations

Assessment criteria (Knowledge) The learner can:	Portfolio reference	
4.1 explain when it would be appropriate to contact the emergency services		
4.2 explain how to report the incident in line with organisational requirements		
4.3 explain the key elements of a rescue plan prior to starting work		
4.4 describe different rescue methods		
4.5 describe when aerial rescue by climbing would not be appropriate		
4.6 explain how to carry out a mobile elevated work platform (MEWP) rescue		
4.7 explain the implications on a MEWP's safe working load limit during aerial rescue		
4.8 explain how species, condition of trees and time of year affect rescues		
	Type of evidence →	
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report		

Unit 541 Carry out aerial rescue operations

Declaration

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Date:	

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Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Unit 547

Plan, allocate and monitor work of a team

5 credits

1. Be able to plan work for a team

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
1.1 agree team objectives with own manager						
1.2 develop a plan for a team to meet agreed objectives, taking into account capacity and capabilities of the team						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

2. Be able to allocate work across a team.

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
2.1 discuss team plans with a team						
2.2 agree work allocation and SMART (Specific, Measurable, Achievable, Realistic and Time-bound) objectives with team members						
2.3 agree standard of work required by team						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

3. Be able to manage team members to achieve team objectives

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
3.1 support all team members in order to achieve team objectives						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

4. Be able to monitor and evaluate the performance of team members

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
4.1 assess team members' work against agreed standards and objectives						
4.2 identify and monitor conflict within a team						
4.3 identify causes for team members not meeting team objectives						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

5. Be able to improve the performance of a team

Assessment criteria (Performance)	Evidence date					
The learner can:	Portfolio reference					
5.1 identify ways of improving team performance						
5.2 provide constructive feedback to team members to improve their performance						
5.3 implement identified ways of improving team performance						
Type of evidence →						
O = Observation WT = Witness Testimony P = Product Q = Questioning PD = Professional Discussion R =Report						

Unit 547 Plan, allocate and monitor work of a team

Declaration

I confirm that the evidence supplied for the above listed unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

The answers in the question bank are my own work and discussed with my assessor on completion. I have been observed in my workplace by my assessor on several occasions.

Candidate Name:	
Candidate Signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor Name:	
Assessor Signature:	
Date:	

IV Name:	
IV Signature:	
Date:	

Appendix 1 Summary of City & Guilds assessment policies

Health and Safety

All centres have to make sure that they provide a safe and healthy environment for learning, including induction and assessment. City & Guilds external verifiers check this when they visit assessment centres.

Equal Opportunities

Your centre will have an equal opportunities policy. Your centre will explain this to you during your induction, and may give you a copy of the policy.

City & Guilds equal opportunities policy is available from our website www.cityandguilds.com, City & Guilds Customer Relations Team or your centre.

Access to assessment

City & Guilds qualifications are open to all candidates, whatever their gender, race, creed, age or special needs. Some candidates may need extra help with their assessment, for example, a person with a visual impairment may need a reader.

If you think you will need alternative assessment arrangements because you have special needs, you should discuss this with your centre during your induction, and record this on your assessment plan. City & Guilds will allow centres to make alternative arrangements for you if you are eligible and if the qualification allows for this. This must be agreed before you start your qualification.

City & Guilds guidance and regulations document *Access to assessment and qualifications* is available on the City & Guilds website www.cityandguilds.com, from the City & Guilds Customer Relations Team or your centre.

Complaints and appeals

Centres must have a policy and procedure to deal with any complaints you may have. You may feel you have not been assessed fairly, or may want to appeal against an assessment decision if you do not agree with your assessor.

These procedures will be explained during induction and you will be provided with information about the Quality Assurance Co-ordinator within your centre who is responsible for this.

Most complaints and appeals can be resolved within the centre, but if you follow the centre procedure and are still not satisfied you can complain to City & Guilds.

Our complaints policy is on our website www.cityandguilds.com or is available from the City & Guilds Customer Relations Team or your centre.

Useful contacts

UK learners

General qualification information

T: +44 (0)844 543 0033

E: learnersupport@cityandguilds.com

International learners

General qualification information

T: +44 (0)844 543 0033

F: +44 (0)20 7294 2413

E: intcg@cityandguilds.com

Centres

Exam entries, Certificates, Registrations/enrolment, Invoices, Missing or late exam materials, Nominal roll reports, Results

T: +44 (0)844 543 0000

F: +44 (0)20 7294 2413

E: centresupport@cityandguilds.com

Single subject qualifications

Exam entries, Results, Certification, Missing or late exam materials, Incorrect exam papers, Forms request (BB, results entry), Exam date and time change

T: +44 (0)844 543 0000

F: +44 (0)20 7294 2413

F: +44 (0)20 7294 2404 (BB forms)

E: singlesubjects@cityandguilds.com

International awards

Results, Entries, Enrolments, Invoices, Missing or late exam materials, Nominal roll reports

T: +44 (0)844 543 0000

F: +44 (0)20 7294 2413

E: intops@cityandguilds.com

Walled Garden

Re-issue of password or username, Technical problems, Entries, Results, e-assessment, Navigation, User/menu option, Problems

T: +44 (0)844 543 0000

F: +44 (0)20 7294 2413

E: walledgarden@cityandguilds.com

Employer

Employer solutions, Mapping, Accreditation, Development Skills, Consultancy

T: +44 (0)121 503 8993

E: business@cityandguilds.com

Publications

Logbooks, Centre documents, Forms, Free literature

T: +44 (0)844 543 0000

F: +44 (0)20 7294 2413

If you have a complaint, or any suggestions for improvement about any of the services that City & Guilds provides, email: feedbackandcomplaints@cityandguilds.com

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and training

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