

Level 2 Award / Certificate / Diploma in Work-based Agriculture (0066)

August 2017 Version 4.1



Qualification at a glance

Subject area	Agriculture
City & Guilds number	0066-71, 72, 73
Age group approved	16-18, 18+, 19+
Entry requirements	n/a
Assessment	Portfolio
Fast track	Available
Support materials	Candidate logbook
Registration and certification	Consult the Walled Garden/Online Catalogue for last dates

Title and level	GLH	TQT	City & Guilds number	Accreditation number
Level 2 Award in Work-based Agriculture	75	100	0066-71	500/6938/X
Level 2 Certificate in Work-based Agriculture	158	210	0066-72	500/6939/1
Level 2 Diploma in Work-based Agriculture	252	370	0066-73	601/2653/X

Version and date	Change detail	Section
1.1 March 2014	Minor amendments to units	Units
2.0 April 2014	Test specifications added	Assessment
3.0 May 2014	Unit 259 content amended to Match up with RITS	Units
3.1 July 2015	Unit 211 amendment to AC 7.1	Units
3.1 July 2015	Amendments to 0066-73 'Crop production' and 'Mixed farming' ROC	Structure
4.0 March 2016	Title amended for units 248, 254, 255, 256, 257, 258 in structure table.	Introduction
4.1 August 2017	Added GLH and TQT details Deleted QCF	Qualification at a glance Structure Appendix 1



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Unit 227	Grow young birds	113
Unit 228	Receive and select eggs for hatching	116
Unit 229	Select and transfer livestock	119
Unit 230	Prepare, load and incubate hatching eggs	124
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Unit 233	Collect, grade and prepare eggs for transport	134
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Unit 250	Deliver basic treatments to livestock	185
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Unit 254	Construct and maintain boundaries	194
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Introduction

This document tells you what you need to do to deliver the qualifications:

Area	Description
Who are the qualifications for?	They are for learners who work or want to work in the agriculture sector
What do the qualifications cover?	They allow learners to learn, develop and practise the skills required for employment and/or career progression in the agriculture sector.
Are the qualifications part of a framework or initiative?	The Diploma serves as the competence qualification within the Apprenticeship Framework for agriculture.
What opportunities for progression are there?	They allow learners to progress into employment or to the following City & Guilds qualifications: <ul style="list-style-type: none">• Level 2 Agriculture (0073-02)• Level 3 Work-based Agriculture (0066-81, 82, 83)• Level 3 Agriculture (0073-03) .

Structure

0066-71 Level 1 Award in Work-based Agriculture

Minimum of **10** credits from a minimum of 2 units from 204 -218, 220-236, 241 -245

0066-72 Level 2 Certificate in Work-based Agriculture

Level 2 Certificate in Work-based Agriculture (Crop Production)

201 plus a minimum of **18** credits from 202-210, 234-236, 238, 240, 244, 246, 249, 345 plus certification module 931

Level 2 Certificate in Work-based Agriculture (Mixed Farming)

201 plus a minimum of **18** credits from 202-236, 238-244, 246, 249-250, 345 plus certification module 932

Level 2 Certificate in Work-based Agriculture (Livestock Production)

201 plus a minimum of **18** credits from 202-203, 211-221, 223-224, 229, 234-236, 239-246, 249-250, 345 plus certification module 933

Level 2 Certificate in Work-based Agriculture (Poultry Production)

201 plus a minimum of **18** credits from 202-203, 211-214, 218-220, 224-236, 238-246, 249-250, 345 plus certification module 934

0066-73 Level 2 Diploma in Work-based Agriculture

Level 2 Diploma in Work-based Agriculture (Crop Production)

201-203, 206, 236, 240, 259 plus a minimum of **11** credits from 204, 205, 207-210, 234-235, 238, 243, 244, 246, 253, 254-258, 345, 380, 381 plus certification module 941. Learners completing the Apprenticeship should complete the additional module 700.

Level 2 Diploma in Work-based Agriculture (Mix Farming)

201-203, 206, 211, 236, 259 plus a minimum of **12** credits from 204, 205, 207-210, 213-235, 238-244, 246, 250, 253-258, 345, 380 plus certification module 942. Learners completing the Apprenticeship should complete the additional module 701.

Level 2 Diploma in Work-based Agriculture (Livestock Production)

201-203, 211, 213-214, 234, 259 plus a minimum of **19** credits from 215-224, 229, 235-236, 239-246, 250, 253-258, 345, 380-381 plus certification module 943. Learners completing the Apprenticeship should complete the additional module 702.

Level 2 Diploma in Work-based Agriculture (Poultry Production)

201-203, 211, 224, 235, 259 plus a minimum of **20** credits from 213-214, 218-220, 224-234, 236, 238-246, 250, 253-258, 345, 380, 381 plus certification module 944. Learners completing the Apprenticeship should complete the additional module 703.

Unit accreditation number	City & Guilds unit number	Unit title	Unit level	Credit value
Y/501/6353	Unit 201	Monitoring and maintaining health and safety	3	2
F/502/1689	Unit 202	Maintain and develop personal performance	3	2
T/502/1690	Unit 203	Establish and maintain effective working relationship with others	2	2
A/502/0251	Unit 204	Prepare and cultivate sites ready for planting crops	2	4
T/502/0247	Unit 205	Plant crops	2	4
M/502/0246	Unit 206	Maintain the healthy growth of crops	2	8
K/502/0245	Unit 207	Identify and remove unwanted vegetation	2	3
H/502/0244	Unit 208	Carry out harvesting operations by mechanical means	2	4
F/502/0252	Unit 209	Prepare the storage area and monitor crops during storage	2	4
J/502/0253	Unit 210	Transport harvested crops	2	4
K/502/1850	Unit 211	Establish and maintain conditions appropriate to the welfare of animals	2	3
T/502/1737	Unit 212	Maintain site biosecurity & personal hygiene	2	2
K/502/1735	Unit 213	Prepare feed and water supplies for livestock	2	2
H/502/1734	Unit 214	Monitor and maintain the supply of feed and water to livestock	2	2
M/502/1736	Unit 215	Establish and confirm pregnancy in livestock	2	3
L/502/1887	Unit 216	Maintain livestock during pregnancy	2	2
F/502/1739	Unit 217	Maintain the health and welfare of livestock during birth and care for mother and baby	2	5
J/502/1791	Unit 218	Prepare, establish and maintain livestock in their accommodation	2	4
D/502/1747	Unit 219	Prepare outdoor sites for the introduction of livestock	2	3
D/502/1750	Unit 220	Monitor and maintain livestock on outdoor sites	2	3
M/502/1753	Unit 221	Prepare for, carry out and complete the milking of livestock	2	10
A/502/1755	Unit 222	Prepare for the shearing of livestock	2	2

J/502/1757	Unit 223	Shear livestock	2	3
Y/502/1844	Unit 224	Prepare and monitor a mechanically controlled livestock production environment	2	4
T/502/1740	Unit 225	Prepare birds for reproduction and enable fertilisation	2	3
H/502/1779	Unit 226	Brood young birds	2	4
A/502/1738	Unit 227	Grow young birds	2	4
Y/502/1780	Unit 228	Receive and select eggs for hatching	2	4
D/502/1778	Unit 229	Select and transfer livestock	2	4
D/502/1764	Unit 230	Prepare, load and incubate hatching eggs	2	4
K/502/1928	Unit 231	Hatch eggs and despatch poultry	2	4
L/502/1856	Unit 232	Establish and maintain egg production	2	4
K/502/1847	Unit 233	Collect, grade eggs and prepare eggs for transport	2	5
J/502/1421	Unit 234	Load and unload physical resources within the work area	2	2
J/502/1404	Unit 235	Transport physical resource within the work area	2	2
H/501/0457	Unit 236	Prepare and operate a tractor with attachments	2	5
D/502/1456	Unit 238	Prepare and maintain structures and surfaces	2	4
F/502/1451	Unit 239	Repair and maintain structures and surfaces	3	2
L/502/1520	Unit 240	Maintain equipment and machines	2	4
Y/502/1469	Unit 241	Establish animals in a new environment	3	3
T/502/1494	Unit 242	Prepare for the transport of animals	2	4
K/502/1542	Unit 243	Maintain the health and welfare of animals during transportation	2	4
Y/502/1472	Unit 244	Carry out habitat management	2	7
L/502/1694	Unit 245	Prepare and groom animals.	2	4
A/502/1609	Unit 246	Welcome, receive and care for visitors to sites	2	3
J/502/1421	Unit 248	Load and unload physical resources within the work area	2	2

L/601/0933	Unit 249	Give customers a positive impression of yourself and your organisation	2	5
D/502/1845	Unit 250	Deliver basic treatments to livestock	2	3
D/502/1425	Unit 252	Construct and maintain paths	2	3
F/502/1451	Unit 253	Excavate and form foundations for fencing	2	3
J/502/1452	Unit 254	Construct and maintain boundaries	2	3
L/502/1520	Unit 255	Respond to customer requests	2	5
L/502/1503	Unit 256	Receive goods and materials into storage	2	4
L/502/1498	Unit 257	Place good and materials into storage	2	4
A/502/1500	Unit 258	Process payments for purchases	2	1
M/505/4977	Unit 259	Maintain site biosecurity and personal hygiene	2	2
H/501/0460	Unit 345	Prepare and operate a power vehicle	3	4
A/501/7043	Unit 380	Place and fix posts	2	3
Y/502/3285	Unit 381	Implement environmental good practice at work	3	4

Total Qualification Time

Total Qualification Time (TQT) is the total amount of time, in hours, expected to be spent by a Learner to achieve a qualification. It includes both guided learning hours (which are listed separately) and hours spent in preparation, study and assessment.

Title and level	GLH	TQT
Level 2 Award in Work-based Agriculture	75	100
Level 2 Certificate in Work-based Agriculture	158	210
Level 2 Diploma in Work-based Agriculture	252	370



1 Centre requirements

Approval

If your Centre is approved to offer the qualifications Level 2 Award, Certificate and Diploma in Work-based Agriculture (0066-21 to 24), you can apply for the new Level 2 Award, Certificate and Diploma in Work-based Agriculture (0066-71, 72 and 73) approval using the **fast track approval form**, available from the City & Guilds website.

Centres should use the fast track form if:

- there have been no changes to the way the qualifications are delivered, and
- they meet all of the approval criteria in the fast track form guidance notes.

Fast track approval is available for 12 months from the launch of the qualification. After 12 months, the Centre will have to go through the standard Qualification Approval Process. The centre is responsible for checking that fast track approval is still current at the time of application.

To offer these qualifications, new centres will need to gain both centre and qualification approval. Please refer to the *Centre Manual - Supporting Customer Excellence* for further information.

Centre staff should familiarise themselves with the structure, content and assessment requirements of the qualifications before designing a course programme.

Resource requirements

Physical resources and site agreements

The equipment, systems and machinery must meet industrial standards and be capable of being used under normal working conditions.

Centre staffing

Staff delivering these] qualifications must be able to demonstrate that they meet the following occupational expertise requirements. They should:

- be occupationally competent or technically knowledgeable in the areas for which they are delivering training and/or have experience of providing training. This knowledge must be to the same level as the training being delivered
- have recent relevant experience in the specific area they will be assessing

- have credible experience of providing training.

Centre staff may undertake more than one role, eg tutor and assessor or internal verifier, but cannot internally verify their own assessments.

Assessors and internal verifiers

The centre must provide Assessor personnel who must be occupationally competent in the industry either qualified to at least level 2 and/or have current experience of working in the industry at this level.

The centre must provide Internal Quality Assurance personnel who must be occupationally competent in the industry either qualified to at least level 2 and/or have current experience of working in the industry at this level.

Assessors/Internal Quality Assurance personnel may hold relevant qualifications such as D32/33/34 or A1/V1 or TAQA however they are not a mandatory requirement for this qualification. They should have had formal training in assessment/IQA, which may be the qualifications above, or other training that allows the assessor to demonstrate competence in the practice of assessment/IQA. This training may be carried out in-house or with an external agency.

TAQA qualifications are considered very appropriate as Continuing Professional Development (CPD) or as best practice standards for new centre staff to work towards

Continuing professional development (CPD)

Centres must support their staff to ensure that they have current knowledge of the occupational area, that delivery, mentoring, training, assessment and verification is in line with best practice, and that it takes account of any national or legislative developments.

Candidate entry requirements

City & Guilds does not set entry requirements for these qualifications. However, centres must ensure that candidates have the potential and opportunity to gain the qualifications successfully.

Age restrictions

City & Guilds cannot accept any registrations for candidates under 16 as the qualifications are not approved for under 16s.



2 Delivering the qualification

Initial assessment and induction

An initial assessment of each learner should be made before the start of their programme to identify:

- if the learner has any specific training needs,
- support and guidance they may need when working towards their qualification.
- any units they have already completed, or credit they have accumulated which is relevant to the qualification.
- the appropriate type and level of qualification.

We recommend that centres provide an induction programme so the learner fully understands the requirements of the qualification[s], their responsibilities as a learner, and the responsibilities of the centre. This information can be recorded on a learning contract.

Support materials

The following resources are available for these qualifications:

Description	How to access
Candidate logbook	Website

Recording documents

Candidates and centres may decide to use a paper-based or electronic method of recording evidence.

City & Guilds endorses several ePortfolio systems, including our own, **Learning Assistant**, an easy-to-use and secure online tool to support and evidence learners' progress towards achieving qualifications. Further details are available at: www.cityandguilds.com/eportfolios.

City & Guilds has developed a candidate logbook specifically for these qualifications. It is available from the City & Guilds website.

Although new centres are expected to use this logbook, centres may devise or customise alternative forms, which must be approved for use by the qualification consultant, before they are used by candidates and assessors at the centre.



3 Assessment

Candidates must:

- have a completed portfolio of evidence for each unit

Test specifications

Independent Assessment Specification

Duration: 1 hour 30 minutes

Pass mark: 100%

0066-700 Level 2 Diploma in Work-based Agriculture (Crop production) Independent Assessment

Unit Number	Unit Title	No. of questions
201	Monitoring and maintaining health and safety.	15
206	Maintain the healthy growth of crops	6
259	Maintain site bio-security and personal hygiene	13
Total		34

0066-701 Level 2 Diploma in Work-based Agriculture (Mixed farming) Independent Assessment

Unit Number	Unit Title	No. of questions
201	Monitoring and maintaining health and safety.	15
206	Maintain the healthy growth of crops	6
211	Establish and maintain conditions appropriate to the welfare of animals	11
Total		32

0066-702 Level 2 Diploma in Work-based Agriculture (Livestock production) Independent Assessment

Unit Number	Unit Title	No. of questions
201	Monitoring and maintaining health and safety.	15

211	Establish and maintain conditions appropriate to the welfare of animals	11
214	Monitor and maintain the supply of feed and water to livestock	8
Total		34

0066-703 Level 2 Diploma in Work-based Agriculture (Poultry production) Independent Assessment

Unit Number	Unit Title	No. of questions
201	Monitoring and maintaining health and safety.	15
259	Maintain site bio-security and personal hygiene	13
Total		28

Results submission

The Apprenticeship Independent Assessment questions are presented here on a unit by unit basis to match the knowledge and understanding assessment criteria. However, the results should be submitted as one composite result using the independent assessment unit number shown above.

The assessment is Pass/Fail only

Recognition of prior learning (RPL)

Recognition of prior learning means using a person's previous experience or qualifications which have already been achieved to contribute to a new qualification.

RPL is not allowed for this qualification.



4 Units

Availability of units

The following units can also be obtained from The Register of Regulated Qualifications: <http://register.ofqual.gov.uk/Unit>

Structure of units

These units each have the following:

- City & Guilds reference number
- unit accreditation number (UAN)
- title
- level
- credit value
- guided learning hours
- unit aim
- relationship to NOS, other qualifications and frameworks
- endorsement by a sector or other appropriate body
- information on assessment
- learning outcomes which are comprised of a number of assessment criteria
- evidence guidance.

UAN:	Y/501/6353
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge, understanding and skills required to maintain a healthy and safe working environment under minimal guidance or direction. Learners should be familiar with the health and safety policy and understand their responsibilities under the policy.</p> <p>Assessment to be based on naturally occurring evidence of realistic working environment.</p> <p>This unit should be assessed through evidence generated for other practical units.</p>

Learning outcome

The learner will:

- | |
|---|
| 1. be able to maintain health, safety and security in the workplace |
|---|

Assessment criteria

The learner can:

- | |
|---|
| 1.1 identify health and safety risks in relation to the workplace covering the following: <ol style="list-style-type: none"> a. people b. equipment and materials c. 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 dispose of hazardous and non-hazardous waste safely and appropriately
- 1.6 maintain the security of the workplace in accordance with organisational requirements.

Learning outcome
The learner will: 2. be able to use equipment and materials safely
Assessment criteria
The learner can: 2.1 use equipment and materials in accordance with manufacturers' instructions and any training provided 2.2 transport any equipment and materials safely and store them correctly at an approved location when not in use.

Learning outcome
The learner will: 3. know the systems and procedures for maintaining health, safety and security
Assessment criteria
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 describe the 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 why accidents should be reported and to whom.

Learning outcome
The learner will: 4. understand why equipment is transported and stored safely
Assessment criteria
The learner can: 4.1 explain how to transport and store equipment and materials safely.

Learning outcome
The learner will: 5. know the reason for following manufacturers' guidance
Assessment criteria
The learner can: 5.1 state the importance of following manufacturers' and organisational training instructions and the potential consequences and risks of not doing so.

Learning outcome
The learner will: 6. be able to maintain good standards of health and safety for self and for others
Assessment criteria
The learner can: 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 an approved method 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 state why it is important to report incidents without delay and complete records accurately, legibly and completely.

Learning outcome
The learner will: 7. understand how to maintain the health and safety of self and others
Assessment criteria
The learner can: 7.1 explain own roles in maintaining health and safety 7.2 explain the reasons for leaving information about location when working in isolation or in remote areas 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.

Learning outcome
The learner will: 8. know the safe lifting techniques

Assessment criteria
The learner can: 8.1 describe the safe methods for moving and lifting items.

Learning outcome
The learner will: 9. know how to maintain health and safety

Assessment criteria
The learner can: 9.1 describe the reasons for maintaining good personal and workplace hygiene 9.2 state own limitations in dealing with health and safety emergencies (eg not carrying out actions beyond capabilities) 9.3 describe basic emergency first aid procedures 9.4 describe the types of personal protective equipment and clothing suitable for the tasks and how they must be used, cleaned, stored, inspected and replaced.

Unit 201 Monitoring and maintaining health and safety

Supporting information

Evidence requirements

1.1

Examples of risk assessments carried out by Learner

1.4

First aid certificate may be used if appointed person.

1.5

Hazardous waste is not solely chemical. Other waste includes materials such as glass, dog faeces etc.

3.1

Witness testimony from line manager may be helpful for this outcome.

6.1

Witness testimony may be useful evidence here.

UAN:	F/502/1689
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge and skills to be able to agree and develop their own personal performance with an appropriate person.</p> <p>The learner will maintain and develop personal performance with regard to:</p> <ol style="list-style-type: none"> a. working to targets and completing specific tasks b. quality of work <p>Evidence from a staff appraisal or review is appropriate, where targets are set and agreed.</p>

Learning outcome

The learner will:

- | |
|----------------------------------|
| 1. maintain personal performance |
|----------------------------------|

Assessment criteria

The learner can:

- | |
|---|
| 1.1 identify current competence and areas for development using relevant techniques and processes |
| 1.2 carry out work in accordance with responsibilities and organisational requirements. |

Learning outcome
The learner will: 2. develop personal performance
Assessment criteria
The learner can: 2.1 agree personal performance and targets with an appropriate person 2.2 review performance and progress regularly and use the outcome to plan future development activities 2.3 seek advice from an appropriate person if clarification is required concerning specific tasks 2.4 seek constructive feedback and advice from others and use it to help maintain and improve performance.

Learning outcome
The learner will: 3. know how to develop personal performance
Assessment criteria
The learner can: 3.1 state own limits of responsibility in relation to specific tasks and activities 3.2 state who to obtain advice from in relation to specific tasks and activities 3.3 list the correct procedures for obtaining advice 3.4 state the risks involved in not obtaining advice where specific tasks and activities are unclear 3.5 describe how to determine and agree development needs and personal targets 3.6 state why personal performance should be reviewed.

Unit 202 Maintain and develop personal performance

Supporting information

Evidence requirements

2.1

The appropriate person may be a line manager or supervisor, however, for Learners working alone the assessor can take the role of 'appropriate person'.

3.1

The Learner should be able to list/tell the assessor the general range of work that they carry out according to their job description.

3.2

Learner should give the name of boss, supervisor and/or manager and their position within the organisation.

3.3

To boss, supervisor or trainer, verbally, written or electronically, manuals, company policy documents, specifications.

3.4

Not asking for advice might result in

- a. injury to yourself and others
- b. damage to machines, equipment
- c. damage to the crop or decorative area
- d. waste of time and resources.

3.5

Learner should be able to describe the process in their workplace such as appraisal system or review meeting.

3.6

So problems can be discussed and sorted out
To identify training needs and assess your progress
So that you can keep up with current legislation
So that the Learner can progress
So that the Learner can achieve their potential.

UAN:	T/502/1690
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU5.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge and skills required to work effectively with others under minimal direction through clear communication and co-operation</p> <p>The learner will establish and maintain effective working relationships with the colleagues, supervisors and managers, persons external to the team, department or organisation</p> <p>Witness testimony from a line manager is good evidence for this. Evidence generated in other units may be cross referenced to this unit.</p>

Learning outcome
<p>The learner will:</p> <ol style="list-style-type: none"> maintain working relationships with others
Assessment criteria
<p>The learner can:</p> <ol style="list-style-type: none"> identify opportunities to improve working practices with the appropriate person carry out activities requiring co-operation with others in accordance with required procedures communicate with others in a way which promotes effective working relationships keep others informed about work plans or activities which affect them seek assistance from others without causing undue disruption to normal work activities

1.6 respond in a timely and positive way when others ask for help or information.

Learning outcome

The learner will:

2. understand why good working practices are important

Assessment criteria

The learner can:

2.1 state why good working relationships are important

2.2 suggest ways in which good working relationships can be maintained

2.3 state the methods of dealing with disagreements within the workplace

2.4 describe own level of responsibility in relation to dealing with disagreements

2.5 state why effective communication is important.

UAN:	A/502/0251
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units 029N Agc4.1 and 4.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to prepare sites for cultivation by removing debris and vegetation. The unit also covers the cultivation of sites ready for planting crops.

Learning outcome

The learner will:

1. be able to select, use and maintain equipment for levelling and preparing sites

Assessment criteria

The learner can:

- 1.1 select appropriate equipment for this area of work
- 1.2 use equipment according to instructions
- 1.3 prepare, maintain and store equipment in a safe and effective working condition throughout.

Learning outcome

The learner will:

2. be able to level and prepare sites for cultivation and planting

Assessment criteria

The learner can:

- 2.1 identify site to be prepared for cultivation and planting
- 2.2 prepare the site by removing any waste from previous crop.

Learning outcome
The learner will: 3. be able to carry out site cultivations
Assessment criteria
The learner can: 3.1 carry out cultivation to achieve the required ground conditions to meet the requirements of the crop covering <ul style="list-style-type: none"> a. correct depth b. soil condition c. area covered 3.2 report conditions of cultivation clearly and accurately to the appropriate person.

Learning outcome
The learner will: 4. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 4.1 work in a way which promotes health and safety, is consistent with current legislation, codes of practice and any additional requirements 4.2 dispose of waste safely and correctly.

Learning outcome
The learner will: 5. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 5.1 describe the equipment which will be necessary for prepare sites for cultivation and planting crops 5.2 describe the methods of maintaining the equipment used 5.3 explain the correct methods of adjusting the equipment during use.

Learning outcome
The learner will: 6. know the methods for preparing sites ready for cultivation
Assessment criteria
The learner can: 6.1 describe the methods and reasons for preparing sites ready for cultivation.

Learning outcome
The learner will: 7. understand how to cultivate sites
Assessment criteria
The learner can: 7.1 explain the different methods of cultivating sites reflecting the following: <ul style="list-style-type: none"> a. previous use of the site b. soil conditions c. existing structures d. weather conditions e. the crop to be planted 7.2 explain the ground conditions which are required for effective planting to take place eg depth, and soil condition 7.3 state the importance of reporting the right information required for recording purposes.

Learning outcome
The learner will: 8. know the current health and safety legislation and environmental good practice
Assessment criteria
The learner can: 8.1 outline the current health and safety legislation, codes of practice and any additional requirements 8.2 describe how environmental damage can be minimised 8.3 describe the correct methods for disposing of organic and inorganic waste.

UAN:	T/502/0247
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units 029N Agc 5.1, 5.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the skills and knowledge required to prepare the equipment and materials and plant crops (eg grass, arable/field crops, vegetables or fruit). The preparation involves checking the quantity and quality of planting materials and maintaining their quality. Planting must take place at the correct time, in accordance with instructions.

Learning outcome
The learner will:
1. be able to prepare and plant crops
Assessment criteria
The learner can:
1.1 check planting material is available in the correct quantity and is suitable for use
1.2 plant a crop in accordance with instructions.

Learning outcome
The learner will:
2. be able to select, use and maintain equipment for planting crops
Assessment criteria
The learner can:
2.1 select appropriate equipment 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.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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.

Learning outcome
The learner will: 4. know how to prepare plant materials
Assessment criteria
The learner can: 4.1 describe the importance of checking the quantity and quality of plant material required for planting 4.2 describe the methods of protecting the plant material from physical deterioration.

Learning outcome
The learner will: 5. know how to plant crops
Assessment criteria
The learner can: 5.1 describe the methods of planting crops and the reasons why crops must be planted at specific times 5.2 explain how the conditions (weather, soil) affect planting 5.3 state the types of problems which may occur during planting and who these should be reported to 5.4 state the acceptable commercial speeds for planting 5.5 explain the effect which density and depth will have on plant growth 5.6 list the information required for recording purposes.

Learning outcome
The learner will: 6. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 6.1 describe the methods of, and reasons for preparing the equipment covering inspections, adjustments and cleaning 6.2 describe the types of equipment required of planting crops.

Learning outcome
The learner will: 7. know the relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 7.1 outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work 7.2 describe how environmental damage can be minimised 7.3 describe the correct methods for disposing of organic and inorganic waste.

UAN:	M/502/0246
Level:	2
Credit value:	8
GLH:	60
Relationship to NOS:	This unit is linked to Agriculture NOS unit 029N Agc 6.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to maintain the healthy growth of crops (eg grass, arable/field crops, vegetables or fruit). This will include checking that the crop is growing in the desired way, and identifying any common pests, diseases and disorders.

Learning outcome

The learner will:

1. be able to maintain the health of at least one crop

Assessment criteria

The learner can:

- 1.1 monitor the growth and condition of the crop and report its condition to the appropriate person
- 1.2 apply agreed nutrients, either organic or non-organic to maintain the healthy growth of the crop
- 1.3 provide clear and accurate information for recording purposes.

Learning outcome

The learner will:

2. be able to select, use and maintain equipment

Assessment criteria

The learner can:

- 2.1 select appropriate equipment 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.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which promotes health and safety, is consistent with relevant legislation and codes of practice 3.2 carry out work in a manner which minimises environmental damage.

Learning outcome
The learner will: 4. know how to maintain the healthy growth of extensive crops
Assessment criteria
The learner can: 4.1 describe the reasons for monitoring crops 4.2 describe how to identify the types of problems which may occur covering: a. pests including birds, rabbits etc b. diseases c. disorders eg nutrient/weather 4.3 state the actions to take in the event of identifying problems with the crop eg field number, location and content of problem 4.4 describe the types and purpose of nutrients (organic/non-organic) which may be applied.

Learning outcome
The learner will: 5. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 5.1 describe the equipment which will be necessary for maintaining the healthy growth of extensive crops 5.2 describe the methods of maintaining the equipment used.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work 6.2 describe how environmental damage can be minimised

6.3 describe the correct methods for disposing of organic and inorganic waste.

UAN:	K/502/0245
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit 029N Agc6.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills to identify and control unwanted vegetation. Unwanted vegetation includes excessive growth of the crop and competing vegetation (eg weeds). The crops maybe either grass, arable, fruit or vegetables. This unit does not cover the use of pesticides.

Learning outcome

The learner will:

1. be able to identify more than one type of unwanted vegetation

Assessment criteria

The learner can:

- 1.1 identify correctly the following unwanted vegetation types:
 - a. competing vegetation (weeds)
 - b. hazardous vegetation
 - c. excessive growth.

Learning outcome

The learner will:

2. be able to remove more than one type of unwanted vegetation

Assessment criteria

The learner can:

- 2.1 carry out the removal of unwanted vegetation using the correct equipment and materials, in accordance with instructions
 - a. competing vegetation
 - b. hazardous vegetation
 - c. excessive growth

2.2 leave crops in a condition which promotes their health, growth and appearance on completion.

Learning outcome

The learner will:

3. be able to select, use and maintain equipment for the removal of unwanted vegetation

Assessment criteria

The learner can:

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.

Learning outcome

The learner will:

4. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

4.1 work in a way which maintains health and safety and is consistent with current 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 safely and correctly.

Learning outcome

The learner will:

5. know how to identify and remove unwanted vegetation

Assessment criteria

The learner can:

5.1 state how to identify all types of unwanted vegetation

a. competing vegetation (weeds)

b. hazardous vegetation

c. excessive growth

5.2 describe two methods for removing unwanted vegetation.

Learning outcome

The learner will:

6. know the environmental impacts of removing unwanted vegetation

Assessment criteria

The learner can:

6.1 state the potential environmental impacts as a result of removing unwanted vegetation and how any harmful impacts can be minimised

6.2 state actions to take if damage or pollution occurs.

Learning outcome
The learner will: 7. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 7.1 describe the equipment which will be necessary for the removal of unwanted vegetation 7.2 describe methods of maintaining the equipment ready for use.

Learning outcome
The learner will: 8. know the relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 8.1 outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work 8.2 describe how environmental damage can be minimised 8.3 describe the correct methods for disposing of organic and inorganic waste.

Unit 207 Identify and remove unwanted vegetation

Supporting information

Evidence requirements

5.1

Learners could provide/be provided with images to assist with identification.

Unit 208

Carry out harvesting operations by mechanical means

UAN:	H/502/0244
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units 029N Agc7.1 and 7.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the skills and knowledge required to carry out harvest operations by mechanical means. The units may cover the harvesting of any of the types of crops; grass, arable, vegetables, fruit or plants. Simulation will not be acceptable.

Learning outcome
The learner will: 1. be able to harvest crops
Assessment criteria
The learner can: 1.1 identify crops to be harvested 1.2 harvest crops in a way which minimises damage to the crop and the environment 1.3 identify and carry out two adjustments to take account of the following: a. crop density b. crop condition c. prevailing weather d. ground condition 1.4 handle harvested crop in a way that maintains quality and minimises damage.

Learning outcome
The learner will: 2. be able to prepare, use and maintain equipment for harvesting crops
Assessment criteria
The learner can: 2.1 select and use appropriate equipment for this area of work 2.2 prepare, maintain and store equipment in a safe and effective working condition

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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.

Learning outcome
The learner will: 4. know how to harvest crops mechanically
Assessment criteria
The learner can: 4.1 describe the methods of harvesting crops 4.2 describe adjustments to the harvesting process stating why these must be made covering all of the following: a. crop density b. crop condition c. prevailing weather d. ground condition 4.3 outline the types of problems which may arise during harvesting and to whom these should be reported 4.4 describe how to recognise and minimise crop damage.

Learning outcome
The learner will: 5. know the types of equipment required and how to prepare and maintain them
Assessment criteria
The learner can: 5.1 describe the equipment which will be necessary for harvesting crops

5.2 describe methods of preparing and maintaining the equipment ready for use

Learning outcome
The learner will: 6. know the relevant health and safety legislation and environmental practice
Assessment criteria
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 organic and inorganic waste

UAN:	F/502/0252
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units 029N AgC8.1 and 8.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the skills and knowledge required for the preparation, storage and monitoring of crops. Types of crops may be grass, arable crops, vegetables fruit or plants. Therefore the unit is also applicable to crops that are being stored for livestock consumption, as well as crops that are for sale.

Learning outcome

The learner will:

1. be able to prepare the storage area

Assessment criteria

The learner can:

- 1.1 prepare the storage area as instructed:
 - a. cleaning the area
 - b. making the layout suitable
- 1.2 minimise the risk of contamination by pests as instructed.

Learning outcome

The learner will:

2. be able to store the harvested crop

Assessment criteria

The learner can:

- 2.1 arrange crops in the storage area in accordance with instructions
- 2.2 use equipment safely and correctly, mechanical or manual
- 2.3 leave the storage area in a secure and safe condition.

Learning outcome
The learner will: 3. monitor the condition of the storage area and crops
Assessment criteria
The learner can: 3.1 conduct two routine inspections of the storage area and the crop and report this back to the appropriate person. Inspections to be carried out should be for all of: a. pests b. environmental conditions c. crop condition 3.2 maintain the security of the crop and storage premises 3.3 complete monitoring records as instructed.

Learning outcome
The learner will: 4. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 4.1 work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 5. know how to prepare and monitor the condition of harvested crops
Assessment criteria
The learner can: 5.1 state the reasons for preparing the storage area 5.2 state the reasons for storing and arranging crops in storage areas 5.3 describe the signs of common pests (rodents, insects and birds) and the measures which may be taken to minimise the risk of damage 5.4 describe methods of conducting routine inspections and the reasons for carrying them out covering: a. environmental conditions b. condition of the crop 5.5 describe common forms of damage to crops and storage facilities immediate and long term.

Learning outcome
The learner will: 6. know the relevant health and safety legislation and environmental practice
Assessment criteria

The learner can:

6.1 outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work.

UAN:	J/502/0253
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit AgC14.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to transport at least one type of harvested crop eg combinable crops, root crops, grass, vegetables, fruit and plants

Learning outcome
The learner will:
1. be able to transport at least one type of harvested crop
Assessment criteria
The learner can:
1.1 load and transport at least one of the harvested crops below safely, securely and in a manner which protects them from damage and contamination:
a. combinable crops
b. root crops
c. grass/forage
d. vegetables
e. fruit
f. plants
1.2 monitor the harvested crops during transit.

Learning outcome
The learner will:
2. be able to select, use and maintain equipment for transporting harvested crops.
Assessment criteria
The learner can:
2.1 select and use appropriate equipment for this area of work according to instructions

2.2 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome

The learner will:

3. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

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.

Learning outcome

The learner will:

4. know the methods of operating equipment and transporting harvested crops

Assessment criteria

The learner can:

4.1 describe the correct methods of operating transportation equipment to minimise damage to harvested crop

4.2 describe ways of securing products and equipment for transit in order to maintain safety and minimise damage

4.3 explain the methods of protecting harvested crops and equipment from adverse weather conditions.

Learning outcome

The learner will:

5. know how to maintain the equipment

Assessment criteria

The learner can:

5.1 describe methods of maintaining the equipment in a fit state for use.

Learning outcome

The learner will:

6. know the current health and safety legislation and environmental good practice

Assessment criteria

The learner can:

6.1 outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work

6.2 describe how environmental damage can be minimised.

Unit 211

Establish and maintain conditions appropriate to the welfare of animals

UAN:	K/502/1850
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS units LP4.1 and LP4.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to establish and maintain appropriate conditions for the welfare of animals. It includes establishing the appropriate conditions and accommodation to appropriate welfare standards as well as maintaining the livestock's welfare in accordance with codes of practice.

Learning outcome
The learner will: 1. be able to provide appropriate living conditions for the animals
Assessment criteria
The learner can: 1.1 identify suitable shelter and accommodation for the animals 1.2 provide appropriate conditions to ensure the welfare of the livestock is maintained 1.3 prepare procedures and equipment to deal with livestock emergencies and problems as required 1.4 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 2. be able to handle and inspect livestock
Assessment criteria
The learner can: 2.1 inspect the stock for signs of normal and abnormal behaviour 2.2 handle livestock in a manner that will prevent fear, distress and does not put the health and safety of yourself or others at risk 2.3 seek advice from the appropriate person when unsure about the behaviour or condition of the livestock.

Learning outcome
The learner will: 3. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 3.1 select appropriate equipment for this area of work 3.2 use equipment according to relevant legislation and instructions 3.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 4. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 4.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements 4.2 dispose of waste safely and correctly

Learning outcome
The learner will: 5. know how to establish appropriate conditions for livestock
Assessment criteria
The learner can: 5.1 outline the appropriate living conditions for the livestock, and how to provide them 5.2 describe appropriate shelter and/or accommodation required by the livestock 5.3 estimate accurately amounts and types of bedding required, if at all, for the species concerned 5.4 describe how to recognise and maintain the quality and levels of feed and water required by the livestock 5.5 describe the correct procedures for dealing with livestock emergencies and other problems

- 5.6 outline when, how and from whom to ask for advice concerning the welfare of the livestock
- 5.7 identify the types of records required and the importance of accurate record keeping.

Learning outcome

The learner will:

- 6. know how to handle livestock in a manner which minimises stress

Assessment criteria

The learner can:

- 6.1 describe appropriate methods for handling the livestock
- 6.2 outline what to check for when inspecting livestock and how to assess their welfare
- 6.3 describe the Five Needs:
 - a. freedom from hunger and thirst
 - b. freedom from discomfort
 - c. freedom from pain, injury and disease
 - d. freedom from fear and distress
 - e. freedom from restriction of normal behaviour
- 6.4 describe what changes in behaviour might occur and whether these are acceptable
- 6.5 give examples why livestock become afraid and distressed, and ways of preventing this
- 6.6 describe normal patterns of livestock behaviour.

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

- 7.1 describe the equipment which will be required for the activity
- 7.2 describe methods of maintaining the equipment ready for use.

Learning outcome

The learner will:

- 8. know the current health and safety legislation and environmental good practice

Assessment criteria

The learner can:

- 8.1 outline the current health and safety, animal welfare legislation, codes of practice and any additional requirements
- 8.2 describe the correct methods for disposing of organic and inorganic waste.

UAN:	T/502/1737
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP6.
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for maintaining site biosecurity. It covers personal hygiene as well as site hygiene and the biosecurity of vehicles entering and leaving the site.

Learning outcome

The learner will:

- | |
|---|
| 1. be able to maintain the correct biosecurity measures on site |
|---|

Assessment criteria

The learner can:

- | |
|--|
| 1.1 encourage drivers of vehicles to use the correct hygiene procedures when entering and leaving the site |
| 1.2 follow organisational cleaning and hygiene measures while on the site |
| 1.3 assist in establishing biosecurity measures for personnel and vehicles |
| 1.4 use the cleaning equipment correctly and in accordance with manufacturers or organisational instructions |
| 1.5 select and use two of the following types of equipment: <ul style="list-style-type: none"> a. mechanical b. manual c. special protective clothing and equipment |
| 1.6 use chemicals according to instructions regarding dilution rates, uses and health and safety precautions |
| 1.7 store all chemicals and equipment safely and correctly after use |
| 1.8 maintain suitable warning signs as appropriate |
| 1.9 recognise and report any cases of rodent or pest infestation |

1.10 complete, and encourage visitors to complete, the necessary hygiene records in line policies and current and relevant legislation as required

Learning outcome

The learner will:

2. be able to maintain personal hygiene to a high standard

Assessment criteria

The learner can:

- 2.1 take steps to avoid unnecessary cross contamination whilst on site
- 2.2 wear suitable clothing and footwear in accordance with requirements
- 2.3 keep work areas clean and hygienic
- 2.4 follow appropriate personal hygiene measures at work
- 2.5 recognise and report all concerns regarding hygiene to the appropriate person

Learning outcome

The learner will:

3. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

- 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

Learning outcome

The learner will:

4. know how to maintain the correct biosecurity measures on site

Assessment criteria

The learner can:

- 4.1 state the reasons for correct biosecurity measures
- 4.2 state the reasons for applying the correct hygiene procedures for vehicles entering and leaving the site
- 4.3 state the methods for cleaning and disinfecting
- 4.4 state the correct and safe handling, storage and usage of chemicals
- 4.5 describe the warning signs required, their correct location and use
- 4.6 describe the signs of rodent and pest infestation
- 4.7 identify the types of records required for biosecurity and chemical usage and the importance of accurate record keeping.

Learning outcome
The learner will: 5. know how to maintain personal hygiene to a high standard
Assessment criteria
The learner can: 5.1 state the importance of personal hygiene standards when working with livestock 5.2 describe how contamination and cross contamination occurs, and the possible consequences for livestock 5.3 state what clothing and footwear is suitable for maintaining biosecurity 5.4 state the appropriate personal hygiene measures, and the consequences of not following them 5.5 state the possible concerns for hygiene and how they may affect the livestock.

Learning outcome
The learner will: 6. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 6.1 describe the equipment which will be required for the activity 6.2 describe the methods of maintaining the range of equipment

Learning outcome
The learner will: 7. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 7.1 outline the current health and safety legislation, codes of practice and any additional requirements 7.2 describe how environmental damage can be minimised 7.3 describe the correct methods for disposing of organic and inorganic waste.

Unit 213

Prepare feed and water supplies for livestock

UAN:	K/502/1735
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP7.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for preparing feed and water for livestock. It covers storing feed and checking water supplies are in a suitable condition.

Learning outcome

The learner will:

1. be able to prepare feed and water supplies for livestock

Assessment criteria

The learner can:

- 1.1 prepare feed correctly for livestock in accordance with dietary instructions by selecting the:
 - a. correct feed type
 - b. correct quantity
 - c. correct quality
- 1.2 check stocks are adequate and stored correctly in hygienic conditions
- 1.3 check feed and water supplies and confirm they are fresh and clean
- 1.4 provide information for completing records.

Learning outcome

The learner will:

2. be able to use and maintain relevant equipment

Assessment criteria

The learner can:

- 2.1 use equipment according to instructions

2.2 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 3. be able to work safely
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 4. know how to prepare feed and water supplies for livestock
Assessment criteria
The learner can: 4.1 describe the correct methods for preparing and maintaining adequate stocks in hygienic conditions 4.2 describe the type, quantity and quality of feed and drinking water required by the livestock 4.3 state the reasons for checking the condition of feed and water 4.4 state the types of records required and outline the importance of accurate record keeping.

Learning outcome
The learner will: 5. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 5.1 describe the equipment which will be required 5.2 describe the methods of maintaining the range of equipment.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 outline the current health and safety, animal welfare legislation, codes of practice and any additional requirements 6.2 describe the correct methods for disposing of waste.

Unit 214

Monitor and maintain the supply of feed and water to livestock

UAN:	H/502/1734
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP7.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for monitoring and maintaining the supply of feed and water to livestock. It includes checking the on-going supply of feed and water as well as checking the livestock are eating and drinking suitable amounts.

Learning outcome
The learner will: 1. be able to monitor and maintain the supply of feed and water to livestock
Assessment criteria
The learner can: 1.1 supply feed correctly to the livestock via the specified method 1.2 supply clean, fresh water to the livestock according to their needs 1.3 monitor the quantity and condition of feed and water correctly 1.4 check the livestock are feeding and drinking normally in line with expected production requirements 1.5 maintain the health and welfare of the livestock throughout 1.6 provide information for record keeping.

Learning outcome
The learner will: 2. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can:

- 2.1 select appropriate equipment for this area of work
- 2.2 use equipment according to relevant legislation instructions
- 2.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will:
3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can:
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 feed materials and water safely and correctly.

Learning outcome
The learner will:
4. know how to monitor and maintain the supply of feed and water for livestock
Assessment criteria
The learner can:
4.1 describe the correct methods and procedures for ensuring livestock have access to feed and water
4.2 state the quality and quantity of water required by the livestock
4.3 describe the normal feeding and drinking behaviour of the livestock and potential reasons for changes in consumption
4.4 state the reasons for checking the condition of feed and water and to whom problems should be reported
4.5 describe the types of problems which may occur during feeding and watering
4.6 state the limits of responsibility in relation to feeding and watering the livestock, and resolving any problems
4.7 describe the production performance of the livestock and the relationship of this to feeding and watering
4.8 state the importance of checking that feeding and watering equipment cannot injure the livestock
4.9 state the types of records required and the importance of accurate record keeping.

Learning outcome
The learner will:
5. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can:

- 5.1 outline the current health and safety, 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

Learning outcome
The learner will: 6. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 6.1 describe the equipment which will be required for the activity 6.2 describe the methods of maintaining the range of equipment to monitor and maintain the supply of feed and water to livestock.

UAN:	M/502/1736
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP9.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to select and prepare livestock for breeding, and achieve fertilisation using appropriate methods. The learner must also be able to identify when pregnancy has been successfully achieved.

Learning outcome

The learner will:

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| 1. be able to establish and confirm pregnancy in livestock |
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Assessment criteria

The learner can:

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| 1.1 select livestock which have been identified as suitable for breeding in accordance with instructions |
| 1.2 identify animals showing signs of heat |
| 1.3 achieve fertilisation of the livestock using the correct methods, and in accordance with instructions, using at least one of the following methods: <ul style="list-style-type: none"> a. natural methods b. artificial insemination |
| 1.4 check and confirm pregnancy in accordance with instructions |
| 1.5 provide clear and accurate information for recording purposes |
| 1.6 assess and confirm the health and condition of the female throughout the pregnancy. |

Learning outcome
The learner will: 2. know how to establish and confirm pregnancy in livestock
Assessment criteria
The learner can: 2.1 describe the anatomy of male and female reproductive systems and how fertilisation takes place 2.2 classify livestock suitable for breeding 2.3 describe the factors which influence conception 2.4 describe the methods of preparing livestock for service 2.5 give positive and negative points of different methods of service 2.6 describe the signs which indicate that an animal is pregnant 2.7 state why it is necessary to maintain breeding records 2.8 describe the types of problems which may occur during pregnancy and to whom these should be reported including abortion and prolapses 2.9 define and identify the types of records required and the importance of accurate record keeping.

Learning outcome
The learner will: 3. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 3.1 outline the current livestock welfare and health and safety legislation, codes of practice and any additional requirements 3.2 describe the correct methods for disposing of waste.

UAN:	L/502/1887
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP9.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required when caring for livestock during pregnancy. This includes monitoring the health and condition and reporting any concerns.

Learning outcome

The learner will:

1. be able to maintain livestock during pregnancy

Assessment criteria

The learner can:

- 1.1 check accommodation for the livestock is in accordance with instructions
- 1.2 provide feed and water correctly in accordance with livestock requirements during pregnancy
- 1.3 provide clear and accurate information for recording purposes
- 1.4 recognise the health and condition of an animal based on:
 - a. appearance
 - b. posture and movement
 - c. behaviour.

Learning outcome

The learner will:

2. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

- 2.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements

2.2 dispose of waste safely and correctly.

Learning outcome

The learner will:

3. know how to maintain livestock during pregnancy

Assessment criteria

The learner can:

3.1 describe the accommodation requirements livestock have during pregnancy

3.2 describe the types of environmental conditions which are suitable to pregnancy and the ways in which they can be adjusted (eg ventilation, temperature)

3.3 define livestock requirements for feed and water

3.4 describe the reasons for monitoring the condition of the female during pregnancy

3.5 describe signs which indicate the health of the livestock during pregnancy

3.6 identify the types of records required for breeding and explain the importance of accurate record keeping.

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

4.1 outline the current animal welfare and health and safety legislation, codes of practice and any additional requirements

4.2 describe the correct methods for disposing of waste.

Unit 217

Maintain the health and welfare of livestock during birth and care for mother and baby

UAN:	F/502/1739
Level:	2
Credit value:	5
GLH:	38
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP10
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to monitor and maintain the health and welfare of livestock during parturition. The learner will also monitor the condition of the both mother and offspring after birth and carry out weaning.

Learning outcome

The learner will:

1. be able to maintain the health and welfare of livestock during birth

Assessment criteria

The learner can:

- 1.1 maintain accommodation for the livestock in accordance with instructions during parturition
- 1.2 provide assistance during birth in accordance with instructions in the following situations:
 - a. normal parturition
 - b. abnormal parturition
- 1.3 observe the health and condition of the female throughout parturition and report any concerns to the appropriate person, taking into account:
 - a. appearance
 - b. posture and movement
 - c. behaviour.

Learning outcome

The learner will:
2. be able to monitor the health and condition of the mother and young after birth
Assessment criteria
The learner can:
2.1 provide the mother and young with suitable care in accordance with instructions
2.2 carry out weaning in accordance with instructions.

Learning outcome
The learner will:
3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can:
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 dispose of waste safely and correctly
3.3 provide clear and accurate information for recording purposes.

Learning outcome
The learner will:
4. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can:
4.1 select appropriate equipment for this area of work
4.2 use equipment according to relevant legislation and manufacturer's instructions
4.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will:
5. know how to maintain the health and welfare of livestock during birth
Assessment criteria
The learner can:
5.1 state the requirements which the livestock have for accommodation during birth
5.2 outline the types of environmental conditions which are suitable for birth
5.3 describe how environmental conditions within accommodation can be adjusted to suit the condition of the livestock (eg ventilation, temperature etc)
5.4 describe the behaviour associated with and signs of birth
5.5 describe the assistance which may be required during birth

- 5.6 state reasons for monitoring the condition of the female during birth
- 5.7 describe the signs which indicate the health of the livestock during birth
- 5.8 describe the types of problems which may occur during birth, and to whom these should be reported

Learning outcome
The learner will: 6. know how to care for the mother and her young
Assessment criteria
The learner can: 6.1 describe the type and methods for care for the mother and her young 6.2 outline the signs of poor health in livestock 6.3 state the reasons for monitoring the mother and young after birth to include that they have taken sufficient colostrum 6.4 outline the factors which affect the health and condition of the mother and young 6.5 describe potential problems encountered by young livestock such as loss of mother, competition, loss of milk supply and to whom these should be reported 6.6 describe methods of weaning.

Learning outcome
The learner will: 7. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 7.1 outline the current health and safety legislation, codes of practice and any additional requirements 7.2 describe the correct methods for disposing of waste. 7.3 identify the types of records required for breeding and the importance of accurate record keeping.

Learning outcome
The learner will: 8. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 8.1 describe the equipment which will be required for the activity 8.2 describe the methods of maintaining the range of equipment in a fit state for use.

Unit 218

Prepare, establish and maintain livestock in their accommodation

UAN:	J/502/1791
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units LP11.1 and 2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to prepare, establish and monitor accommodation for livestock. It covers preparing the correct environmental conditions, introducing livestock and monitoring them after introduction.

Learning outcome
The learner will:
1. be able to prepare a healthy and safe environment for the livestock
Assessment criteria
The learner can:
1.1 carry out cleaning operations in line with instructions
1.2 check any ancillary materials and fittings are in place when cleaning is complete
1.3 check the following are suitable to accommodate the livestock
a. environmental conditions
b. layout/structure
c. bedding/litter
1.4 prepare livestock accommodation and ensure it is left in a safe, secure and clean condition.

Learning outcome
The learner will: 2. be able to maintain the health and well-being of the livestock throughout operations
Assessment criteria
The learner can: 2.1 assess the equipment and materials for their suitability for the reception of the livestock prior to their arrival 2.2 establish and monitor the following environmental conditions: a. ventilation b. light c. humidity d. temperature 2.3 introduce the livestock into the accommodation in a way that minimises stress and maintains their health and welfare 2.4 monitor the livestock carefully and correctly to ensure they accept the accommodation 2.5 maintain the following aspects of animal health and welfare: a. the suitability of accommodation to the livestock concerned b. allowing the necessary freedom of movement c. minimising livestock stress 2.6 deal with any difficulties should they arise in an appropriate manner.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal health and welfare 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

Learning outcome
The learner will: 4. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 4.1 select appropriate equipment and materials 4.2 use equipment according to relevant legislation and manufacturer's instructions 4.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 5. know how to prepare a healthy and safe environment for the livestock
Assessment criteria
The learner can: 5.1 describe the cleaning routines appropriate to the animal accommodation 5.2 describe the environmental conditions which are needed by livestock to maintain their health and well-being: a. ventilation b. light c. humidity d. temperature 5.3 outline the potential hazards which may occur in accommodation and describe how these can be minimised.

Learning outcome
The learner will: 6. know how to establish and maintain livestock in their accommodation
Assessment criteria
The learner can: 6.1 describe the relationship between maintaining animal accommodation and promoting animal health and welfare 6.2 state the procedures for checking whether the accommodation is suitable for livestock 6.3 describe the reasons for monitoring the environmental conditions and reporting any variances 6.4 describe the methods of handling livestock safely 6.5 describe the methods of introducing livestock to accommodation which minimises their stress and optimises their acceptance 6.6 describe the signs of stress within livestock 6.7 compare normal and abnormal behaviour of the livestock once introduced into the accommodation 6.8 describe the potential problems that may occur and how these should be dealt with.

Learning outcome
The learner will: 7. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 7.1 outline the current health and safety legislation, animal welfare, codes of practice and any additional requirements 7.2 describe how environmental damage can be minimised 7.3 describe the correct methods for disposing of waste.

Learning outcome
The learner will: 8. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 8.1 describe the equipment and materials which will be required for the activity 8.2 describe the methods of maintaining the range of equipment ready for use.

UAN:	D/502/1747
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit L12.1 and L12.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to prepare an outdoor site for the introduction of livestock. The learner will need to check that boundaries are suitable and intact and that there is an adequate supply of water.

Learning outcome

The learner will:

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| 1. be able to prepare outdoor sites for the introduction of livestock |
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Assessment criteria

The learner can:

- | |
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| 1.1 ensure the condition of feed meets the livestock requirements to take account of the following: <ul style="list-style-type: none"> a. quality b. quantity |
| 1.2 assess and confirm the boundaries are safe and secure, taking account of: <ul style="list-style-type: none"> a. hedges b. constructed structures c. landforms |
| 1.3 assess and confirm the outdoor site, and any necessary shelter for the livestock, is suitable |
| 1.4 take the appropriate action if there are problems with the boundaries, the outdoor site and any necessary shelter |
| 1.5 make sure an adequate supply of clean water is available |
| 1.6 recognise and remove or minimise potential hazards to the livestock. |

Learning outcome
The learner will: 2. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 2.1 work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 3. know how to prepare outdoor sites for the introduction of livestock
Assessment criteria
The learner can: 3.1 estimate correctly the quality and quantity of feed which must be available 3.2 describe the methods for checking the quality of feed 3.3 describe the requirements which livestock have for feed and water on outdoor sites 3.4 describe how to assess the safety and security of boundaries for particular livestock 3.5 compare the suitability of different boundaries for livestock and the impact of livestock on boundaries and how this can be minimised 3.6 describe the features of the outdoor site and its suitability to the livestock covering: a. climate b. time of year c. age of the livestock d. number of animals e. previous use of the land f. systems for feeding 3.7 describe the types of problems which may occur and the appropriate action to be taken to resolve these 3.8 describe the methods of maintaining clean water supply 3.9 describe possible causes of water contamination and outline actions to be taken should this occur 3.10 describe possible hazards to livestock and how they should be removed 3.11 state the importance of preventing infections and the ways infection can be prevented.

Learning outcome
The learner will: 4. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can:

4.1 outline the current health and safety legislation, animal welfare, codes of practice and any additional requirements.

Unit 220 Monitor and maintain livestock on outdoor sites

UAN:	D/502/1750
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP12.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to transfer to site and monitor and maintain the livestock including recognising any changes in the condition of the livestock.

Learning outcome
The learner will:
1. be able to monitor and maintain livestock on outdoor sites
Assessment criteria
The learner can:
1.1 safely transfer livestock to the area causing the minimum of stress
1.2 assess the condition of the livestock to identify their health and well-being, taking into account:
a. behaviour
b. physical condition
1.3 assess the area and its boundaries to confirm their continuing suitability, safety and security, taking into account:
a. hedges
b. constructed structures
c. landforms
d. temporary fencing
1.4 adjust the quality and quantity of feed and water in accordance with livestock requirements
1.5 take the appropriate action to resolve any problems which are identified

1.6 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 2. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 2.1 work in a way which maintains health and safety and is consistent with relevant legislation, codes of practice and any additional requirements

Learning outcome
The learner will: 3. know how to monitor and maintain livestock on outdoor sites
Assessment criteria
The learner can: 3.1 describe the livestock which are to be introduced to the site and safe methods of transfer 3.2 describe ways in which the stress of the livestock can be minimised 3.3 describe possible hazards which might occur in transferring livestock 3.4 state the safe and correct methods of releasing livestock within the grazing area 3.5 describe correct methods for monitoring the behavioural and physical condition of the livestock 3.6 describe how to recognise ill-health in livestock 3.7 state how to assess the suitability of the site for the livestock and any potential or actual hazards 3.8 define the need for checking stock numbers and boundaries 3.9 describe how to estimate the quantity and quality of feed and water required by the livestock 3.10 describe methods of providing feed and water to livestock on outdoor sites 3.11 describe the types of problems which may impact on production and the health and welfare of the livestock, regarding the following: a. the outdoor site b. quantity and quality of feed and water available c. boundaries 3.12 identify the types of records required and the importance of accurate record keeping.

Learning outcome
The learner will: 4. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 4.1 outline the current livestock welfare and health and safety legislation, codes of practice and any additional requirements.

Unit 220 **Monitor and maintain
livestock on outdoor sites**
Supporting information

Evidence requirements

1.3

Points i to iv are examples and it is recognised that not all areas will have all of these.

Unit 221

Prepare for, carry out and complete the milking of livestock

UAN:	M/502/1753
Level:	2
Credit value:	10
GLH:	75
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP13
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to prepare the work area and equipment, carry out and complete the milking process.

Learning outcome
The learner will: 1. be able to prepare for the milking of livestock
Assessment criteria
The learner can: 1.1 establish correct vacuum and pulsation rate prior to milking 1.2 maintain the welfare of the livestock at all times 1.3 make available foodstuffs where livestock are to be fed during milking in accordance with instructions 1.4 herd livestock safely into the area, within the required timescales and position correctly in the milking area 1.5 identify and deal with livestock producing milk that is unsuitable for consumption in accordance with instructions, in at least two of the following: a. mastitis b. receiving medication c. colostrum 1.6 make sure udders are clean and in a suitably hygienic condition for the milking procedure.

Learning outcome
The learner will: 2. be able to carry out milking
Assessment criteria
The learner can: 2.1 establish the vacuum level and pulsation rate correctly in accordance with instructions using the following types of equipment: <ul style="list-style-type: none"> a. pumps b. pipes c. collecting tanks d. vacuum gauge e. pulsation unit 2.2 attach units to the livestock correctly 2.3 remove and place units in the correct position when the milk flow ceases 2.4 apply treatments to the livestock correctly on completion of the milking procedure in accordance with instructions 2.5 remove livestock from the milking area safely, within the appropriate timescales and with minimum stress 2.6 recognise and promptly report problems with the milking procedure to the appropriate person regarding at least one of the following <ul style="list-style-type: none"> a. condition of the livestock b. performance of equipment

Learning outcome
The learner will: 3. be able to complete the milking of livestock
Assessment criteria
The learner can: 3.1 complete milking procedures within the required timescale 3.2 make sure milk is free from contamination, and identify milk that is: <ul style="list-style-type: none"> a. suitable for sale b. unsuitable for sale 3.3 dispose of contaminated milk safely and correctly, in accordance with instructions 3.4 assemble livestock correctly in a suitable waiting area prior to their return to living areas 3.5 return stock to the following living areas: <ul style="list-style-type: none"> a. fields b. buildings 3.6 provide clear and accurate information for recording purposes 3.7 clean and leave the work area and the following equipment in a suitable condition for the next milking: <ul style="list-style-type: none"> a. pumps b. pipes c. collecting tanks.

Learning outcome

The learner will:

4. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

- 4.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements
- 4.2 dispose of waste safely and correctly.

Learning outcome

The learner will:

5. be able to select, use and maintain relevant equipment

Assessment criteria

The learner can:

- 5.1 select appropriate equipment for this area of work
- 5.2 use the following equipment according to relevant legislation and manufacturer's instructions:
 - a. pumps
 - b. pipes
 - c. clusters
 - d. collecting tanks
- 5.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome

The learner will:

6. know how to prepare for the milking of livestock

Assessment criteria

The learner can:

- 6.1 define the hygiene requirements in relation to the milking of livestock
- 6.2 describe how to maintain the welfare of the livestock during milking
- 6.3 describe methods for feeding livestock during milking
- 6.4 describe the correct positioning of livestock within the milking area
- 6.5 state ways in which livestock respond to the your behaviour and describe suitable methods of handling difficult livestock
- 6.6 describe how to identify and methods for dealing with livestock which are producing milk which is unsuitable for consumption covering
 - a. mastitis
 - b. receiving medication
 - c. colostrum
- 6.7 describe the correct methods for cleaning udders
- 6.8 outline ways in which contamination may be minimised.

Learning outcome
The learner will: 7. know and understand why it is important to carry out milking
Assessment criteria
The learner can: 7.1 define the required vacuum level and pulsation rate 7.2 describe methods of attaching units 7.3 state the reasons why treatments are applied to the livestock on completion of the procedure 7.4 describe how and why to minimise the risk of contamination 7.5 give examples of problems which may occur during milking and to whom these should be reported.

Learning outcome
The learner will: 8. know and understand why it is important to complete the milking of livestock
Assessment criteria
The learner can: 8.1 state why schedules are important 8.2 describe methods for testing milk to confirm it free of contamination 8.3 describe correct methods for disposing of contaminated milk.

Learning outcome
The learner will: 9. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 9.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements 9.2 describe how environmental damage can be minimised 9.3 describe the correct methods for disposing of waste 9.4 identify the types of records required and the importance of accurate record keeping.

Learning outcome
The learner will: 10. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 10.1 describe the equipment which will be required for the activity 10.2 describe the methods of maintaining the range of equipment in a fit state for use.

Unit 221 Prepare for, carry out and
complete the milking of
livestock

Supporting information

Evidence requirements

3.5

Livestock will be returned either to the fields or buildings.

UAN:	A/502/1755
Level:	2
Credit value:	2
GLH	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP14.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to prepare the work area, equipment and livestock ready for shearing. The learner will ensure livestock are clean and dry and also recognise livestock that should not be sheared.

Learning outcome

The learner will:

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| 1. be able to prepare for the shearing of livestock |
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Assessment criteria

The learner can:

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| 1.1 identify bio-security requirements |
| 1.2 prepare livestock awaiting shearing safely and correctly in accordance with instructions to take account of the following: <ul style="list-style-type: none"> a. cleaning b. drying c. moving into the correct area d. dagging or crutching |
| 1.3 ensure the welfare and general welfare requirements of the livestock at all times |
| 1.4 assess and clarify that sheep are in an appropriate condition for shearing |
| 1.5 recognise and deal with livestock which are unsuitable for shearing in accordance with instructions. |

Learning outcome
The learner will: 2. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 2.1 select appropriate equipment for this area of work 2.2 use equipment according to relevant legislation and manufacturer's instructions. The equipment used should be for: a. shearing b. containing livestock c. wool handling 2.3 prepare, maintain and store equipment in a safe and effective working condition throughout.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety and animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 4. know how to prepare for the shearing of livestock
Assessment criteria
The learner can: 4.1 describe what requirements livestock need while in the waiting area and the needs for such areas to be secure 4.2 describe the reasons for, and methods of, maintaining the welfare of the livestock 4.3 describe the condition and appearance of livestock which are suitable for shearing, and the reasons for this 4.4 describe the correct methods of moving livestock within the work area 4.5 state why livestock may be unsuitable for shearing 4.6 outline the importance of preventing transmittable diseases, particularly with the hand piece.

Learning outcome
The learner will: 5. know the types of equipment required and how to maintain them
Assessment criteria
The learner can:

- 5.1 describe the equipment which will be required for the activity
- 5.2 describe methods of maintaining the equipment.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements

UAN:	J/502/1757
Level:	2
Credit value:	3
GLH	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP14.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to shear livestock and wrap and store the fleece.

Learning outcome
The learner will: 1. be able to shear livestock
Assessment criteria
The learner can: 1.1 shear livestock in accordance with instructions 1.2 perform shearing with the minimum of stress and injury to the livestock 1.3 select the correct clothing to wear at all times during shearing 1.4 apply treatments to the livestock in accordance with instructions on completion of shearing 1.5 wrap and store fleeces in accordance with instructions.

Learning outcome
The learner will: 2. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 2.1 select appropriate equipment for this area of work 2.2 use equipment according to relevant legislation and manufacturer's instructions covering: a. shearing b. containing livestock c. wool handling 2.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 4. know how to assist with shearing livestock
Assessment criteria
The learner can: 4.1 describe the methods of handling and positioning livestock during shearing 4.2 state the importance of following instructions for shearing operations 4.3 describe the types of injury which may occur to the livestock and damage to the fleece, and the ways in which this must be minimised 4.4 describe the methods of maintaining the welfare of the livestock following shearing 4.5 describe the types of clothing which must be worn and the reasons for their use 4.6 describe the types of treatments which may be necessary and how these should be applied 4.7 describe how to wrap and store fleece 4.8 state the required condition of the work area and equipment on completion of shearing.

Learning outcome
The learner will: 5. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 5.1 describe the equipment which will be required covering: a. shearing b. containing livestock c. wool handling 5.2 describe the methods of maintaining the equipment.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice

Assessment criteria
The learner can: 6.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements.

Unit 224

Prepare and monitor a mechanically controlled livestock production environment

UAN:	Y/502/1844
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP15
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>This unit provides the learner with the knowledge and skills required for preparing and monitoring a mechanically controlled environment. The learner will monitor environmental conditions and take action in relation to any routine alterations required and report any problems appropriately.</p> <p>The types of production environment which the unit is relevant to includes livestock growth and development, livestock reproduction and egg production. The term 'livestock' may be interpreted as 'hatching eggs' for anyone working within a hatchery.</p>

Learning outcome

The learner will:

1. be able to prepare a mechanically controlled livestock production environment

Assessment criteria

The learner can:

- 1.1 ensure the work area is safe, clean and free from hazards
- 1.2 prepare the production environment in accordance with instructions
- 1.3 set up at least three of the environmental conditions listed below in accordance with instructions, and report these to the appropriate person.
 - a. humidity

- b. air quality
- c. temperature
- d. ventilation
- e. light.

Learning outcome

The learner will:

- 2. be able to monitor a mechanically controlled livestock production environment

Assessment criteria

The learner can:

- 2.1 measure and record at least three of the environmental conditions in accordance with instructions:
 - a. humidity
 - b. air quality
 - c. temperature
 - d. ventilation
 - e. light
- 2.2 accurately identify deviations from all the optimum environmental conditions and take appropriate action as necessary
- 2.3 monitor the condition of the livestock correctly in accordance with instructions.

Learning outcome

The learner will:

- 3. be able to keep appropriate records

Assessment criteria

The learner can:

- 3.1 provide clear and accurate information for recording purposes.

Learning outcome

The learner will:

- 4. be able to work safely and minimise the introduction of disease

Assessment criteria

The learner can:

- 4.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements
- 4.2 carry out work in a manner which minimises the introduction of disease and contamination into the production environment.

Learning outcome

The learner will:

- 5. be able to use and maintain relevant equipment

Assessment criteria

The learner can:

- 5.1 use appropriate equipment for this area of work
- 5.2 use relevant equipment to control three of the following conditions:
 - a. humidity
 - b. air quality
 - c. temperature
 - d. ventilation
 - e. light
- 5.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will:
6. know how to prepare a mechanically controlled livestock production environment
Assessment criteria
The learner can:
6.1 describe the types of hazards which may be present and state how these should be removed or dealt with
6.2 state the reasons for preparing the production environment
6.3 describe the methods of setting up the environmental conditions within the required parameters <ul style="list-style-type: none"> a. humidity b. air quality c. temperature d. ventilation e. light
6.4 state the types of problems which may occur with the environmental conditions and to whom these should be reported.

Learning outcome
The learner will:
7. know how to monitor a mechanically controlled livestock production environment
Assessment criteria
The learner can:
7.1 describe the reasons for monitoring and recording all the environmental conditions <ul style="list-style-type: none"> a. humidity b. air quality c. temperature d. ventilation e. light
7.2 describe the relationship between environmental conditions and production
7.3 state the limits of responsibility in relation to monitoring the production environment
7.4 describe the use of alarms and fail safe procedures

- 7.5 state the types of external factors and how these impact on production eg extreme weather conditions, noise, power failure
- 7.6 state the types of records required and the importance of accurate record keeping.

Learning outcome
The learner will: 8. know relevant health and safety legislative requirements
Assessment criteria
The learner can: 8.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 9. know how to minimise the introduction of disease
Assessment criteria
The learner can: 9.1 describe the basic methods for preventing disease and contamination within the system.

Learning outcome
The learner will: 10. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 10.1 state the equipment which will be required for preparing and monitoring controlled environments 10.2 describe the methods of maintaining the range of equipment ready for use covering: a. environmental control b. alarms c. back-up equipment.

Unit 225

Prepare birds for reproduction and enable fertilisation

UAN:	T/502/1740
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS units LP16.1 and LP6. 2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to identify and select birds that are suitable for breeding, prepare birds for reproduction and enable fertilisation to take place.

Learning outcome
The learner will: 1. be able to prepare birds for reproduction
Assessment criteria
The learner can: 1.1 ensure the work area is safe and suitable for breeding purposes 1.2 assemble birds safely in the designated area using the correct methods for handling and moving birds in a manner which minimises stress 1.3 assess the following aspects of the birds' physical condition: a. appearance b. movement and behaviour c. reproductive cycle d. physical abnormalities 1.4 assess the birds' readiness for reproduction 1.5 check and confirm that feed and water is of the correct quality and readily available 1.6 maintain the environment in a manner which facilitates reproduction

Learning outcome

The learner will:

2. be able to enable fertilisation to take place

Assessment criteria

The learner can:

- 2.1 correctly select, at the optimum time, the birds which have been identified as ready and suitable for breeding
- 2.2 handle and move birds in a manner which minimises stress
- 2.3 prepare birds correctly for breeding purposes
- 2.4 achieve fertilisation successfully and confirm using the correct methods
- 2.5 optimise the health and condition of the females throughout the reproductive cycle.

Learning outcome

The learner will:

3. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

- 3.1 work in a way which maintains health and safety, animal welfare 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.

Learning outcome

The learner will:

4. be able to use and maintain relevant equipment

Assessment criteria

The learner can:

- 4.1 use the following equipment for breeding according to relevant legislation and organisational instructions
 - a. manual
 - b. powered
 - c. measuring
- 4.2 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 5. know the process for preparing birds for reproduction
Assessment criteria
The learner can: 5.1 describe how birds should be handled and moved, and the required welfare practices 5.2 describe how to assess the readiness of the birds for reproduction purposes 5.3 describe the types of physical conditions which may impact on fertilisation and reproductive cycle 5.4 define the requirements for feed and water and how this should be supplied 5.5 describe how reproduction is optimised through the control of environmental conditions.

Learning outcome
The learner will: 6. know how to enable fertilisation to take place
Assessment criteria
The learner can: 6.1 describe how to identify and select birds which are suitable for breeding 6.2 explain how fertilisation and reproduction is optimised 6.3 describe the ways in which birds are prepared for breeding purposes 6.4 describe methods of fertilising birds 6.5 describe methods for confirming the fertilisation of birds 6.6 describe methods for maintaining healthy reproduction in birds.

Learning outcome
The learner will: 7. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 7.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements 7.2 describe how environmental damage can be minimised 7.3 describe the correct methods for disposing of waste.

Learning outcome
The learner will: 8. know the types of equipment required and how to maintain them
Assessment criteria

The learner can:

8.1 describe the equipment which will be required for the activity

8.2 describe the methods of maintaining the range of equipment used

UAN:	H/502/1779
Level:	2
Credit value:	4
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP17.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The purpose of this unit is to provide the learner with the skills and knowledge required to brood young birds. It includes preparation of the brooding area and monitoring of the health and behaviour of the young birds.

Learning outcome
The learner will:
1. be able to brood young birds
Assessment criteria
The learner can:
1.1 correctly prepare and maintain the necessary equipment and materials for brooding young birds
1.2 correctly prepare the following aspects of the brooding area:
a. bedding
b. restriction to heated area
c. starter feed
d. drinking containers
e. control equipment
1.3 assess and confirm that brooding areas and environmental conditions are suitable for the receipt of young birds
1.4 maintain four of the following environmental conditions in accordance with instructions:
a. humidity
b. dust and gas
c. temperature
d. ventilation
e. light
1.5 move young birds to the brooding areas in the required numbers, in a manner which maintains their health and welfare and minimises stress
1.6 maintain and adjust living conditions to optimise growth and health and welfare
1.7 assess and replenish food and water supplies correctly when required

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| 1.8 assess young birds' behaviour and take the appropriate actions to promote their health and well being
1.9 provide clear and accurate information for recording purposes. |
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Learning outcome

The learner will:

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| 2. be able to work safely and minimise environmental damage |
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Assessment criteria

The learner can:

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| 2.1 work in a way which maintains health and safety and animal welfare, and is consistent with relevant legislation, codes of practice and any additional requirements |
| 2.2 dispose of waste safely and correctly |

Learning outcome

The learner will:

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| 3. know how to brood young birds |
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Assessment criteria

The learner can:

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| 3.1 outline the types of equipment and materials required and describe how these should be used and maintained |
| 3.2 define the necessary conditions for effective production |
| 3.3 describe how to set up and adjust environmental controls and describe the effect these have on the brooding process: <ul style="list-style-type: none">a. humidityb. dust and gasc. temperatured. ventilatione. light |
| 3.4 describe how young birds should be handled and outline the requirements of welfare codes in relation to the movement of young birds |
| 3.5 describe the types of food and water supply and how these are maintained |
| 3.6 define the indications of poor health in young birds |
| 3.7 state the common problems with the brooding of young birds and describe the correct actions to take within the limits of their responsibility. Problems to include: <ul style="list-style-type: none">a. faults in equipmentb. abnormal birdsc. supply failure |
| 3.8 outline the types of records required and importance of accurate record keeping. |

Learning outcome

The learner will:

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| 4. know relevant health and safety legislation and environmental good practice |
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Assessment criteria
The learner can: 4.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements 4.2 describe the correct methods for disposing of waste.

UAN:	A/502/1738
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP17.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to grow young birds. It includes preparing and maintaining the environment, monitoring the condition and growth of the young birds and keeping the appropriate records.

Learning outcome
The learner will: 1. be able to grow young birds
Assessment criteria
The learner can: 1.1 maintain housing and three of the following environmental conditions to optimise the growth and development of young birds: a. humidity b. air quality c. temperature d. ventilation e. light 1.2 assess and maintain litter conditions correctly 1.3 maintain the accessibility of feed and water to optimise the growth and development of the birds 1.4 assess, according to instruction, that the growth of young birds meets production targets in line with organisational requirements 1.5 remove and deal with sick or damaged birds in the correct way 1.6 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 2. be able to use and maintain relevant equipment
Assessment criteria
The learner can: 2.1 use equipment according to relevant legislation and organisational requirements 2.2 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 4. know how to grow young birds
Assessment criteria
The learner can: 4.1 describe the correct litter conditions 4.2 describe how to maintain the supply of feed and water 4.3 describe the correct methods for monitoring the growth of the birds 4.4 describe the methods for identifying and dealing with sick or damaged birds (eg culling) 4.5 outline the common types of problems which may arise and describe how these should be dealt with a. faults in equipment b. environmental conditions c. poor health of birds 4.6 outline the limits of responsibility in relation to dealing with problems 4.7 describe the types of records required and the purpose of these

Learning outcome
The learner will: 5. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can:

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| 5.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements
5.2 describe three codes of practice. |
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Learning outcome

The learner will:

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| 6. know the types of equipment required and how to maintain them |
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Assessment criteria

The learner can:

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| 6.1 describe the equipment which will be required for the activity
6.2 describe the methods of maintaining the range of equipment used. |
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UAN:	Y/502/1780
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit L28.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the skills and knowledge required for receiving and selecting eggs for hatching. It covers identifying incoming eggs in terms of source and codes, ensuring that eggs are at the right level of cleanliness. It also includes identifying any eggs which are unsuitable for incubation and how to dispose of these in the correct way.

Learning outcome
The learner will: 1. be able to receive eggs for hatching
Assessment criteria
The learner can: 1.1 identify incoming eggs accurately by source, number and code 1.2 check that eggs are at the right level of cleanliness and in accordance with instructions 1.3 wear the correct protective clothing at the required times 1.4 maintain personal hygiene throughout the procedure 1.5 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 2. be able to select eggs for hatching
Assessment criteria
The learner can: 2.1 correctly handle, grade and tray eggs ready for incubation 2.2 correctly identify, remove and dispose of eggs which are unsuitable for incubation 2.3 correctly identify and store selected eggs 2.4 leave the work area and equipment in a condition which is suitable to its subsequent use 2.5 ensure communication of information is by the correct method and takes place within a suitable timescale.

Learning outcome
The learner will: 3. be able to use and maintain relevant equipment
Assessment criteria
The learner can: 3.1 use appropriate equipment according to relevant legislation and organisation instructions 3.2 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 4. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 4.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements 4.2 dispose of waste safely and correctly.

Learning outcome
The learner will: 5. know how to receive eggs for hatching
Assessment criteria
The learner can: 5.1 outline the methods for identifying the source, number and code of incoming eggs 5.2 list the types of protective clothing and describe when and how protective clothing should be worn 5.3 state the importance of personal hygiene 5.4 describe the types of records kept for incoming eggs and why these are important

5.5 state to whom information on incoming eggs should be reported and when.

Learning outcome

The learner will:

6. know how to select eggs for hatching

Assessment criteria

The learner can:

6.1 outline the required environmental condition of the storage environment

6.2 describe the methods of maintaining hygiene in the storage environment

6.3 describe the ways in which eggs should be handled, trayed and stored

6.4 describe the methods of grading eggs and how eggs which are unsuitable should be disposed of.

Learning outcome

The learner will:

7. know the types of equipment required

Assessment criteria

The learner can:

7.1 describe the equipment which will be required for the activity.

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

8.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements

8.2 describe the correct methods for disposing of waste.

UAN:	D/502/1778
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP19
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for selecting and preparing livestock for transfer. Transfer could be to the next stage of the production process or to another site/field within the enterprise. Selection of the livestock will be in line with requirements of the business.

Learning outcome
The learner will: 1. be able to select livestock
Assessment criteria
The learner can: 1.1 select livestock for transfer against four of the following criteria as appropriate: <ul style="list-style-type: none"> a. size and weight b. age c. appearance d. number of livestock e. condition f. destination g. records h. sex 1.2 collect and move the selected livestock safely to the appropriate location in a manner that minimises stress 1.3 assess the livestock effectively to maintain them in an appropriate condition 1.4 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 2. be able to prepare livestock for transfer
Assessment criteria
The learner can: 2.1 select appropriate equipment for this area of work 2.2 use equipment according to manufacturer's instructions and legal requirements 2.3 prepare, maintain and store equipment in a safe and effective working condition throughout.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal welfare 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.

Learning outcome
The learner will: 4. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 4.1 select appropriate equipment for this area of work 4.2 use equipment according to relevant legislation and instructions 4.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 5. know how to select livestock for transfer
Assessment criteria
The learner can: 5.1 describe how the area for collecting the livestock should be prepared 5.2 state how all the criteria below are used for selecting livestock: a. size and weight b. age c. appearance d. number of livestock e. condition f. destination g. records h. sex 5.3 describe the appropriate methods for moving the livestock to the required location 5.4 describe how to minimise stress and the welfare considerations of livestock during the selection process.

Learning outcome
The learner will: 6. know how to maintain accurate records
Assessment criteria
The learner can: 6.1 identify the types of records required and explain the importance of accurate record keeping.

Learning outcome
The learner will: 7. know how to prepare livestock for transfer
Assessment criteria
The learner can: 7.1 describe how to identify and gather livestock for transfer 7.2 describe the reasons why livestock are not selected for transfer 7.3 describe the correct methods for treating and handling livestock, both in groups and individually to minimise stress and maintain animal welfare 7.4 state the steps to take to maintain livestock in appropriate condition 7.5 describe the type of problems that might prevent livestock being transferred, and who to report them covering: a. bad weather b. poor condition of livestock c. staffing problems d. bio-security risks.

Learning outcome
The learner will: 8. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 8.1 outline the current health and safety legislation, animal welfare, codes of practice and any additional requirements 8.2 describe how environmental damage can be minimised 8.3 describe the correct methods for disposing of organic and inorganic waste.

Learning outcome
The learner will: 9. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 9.1 describe the equipment which will be required for the activity 9.2 describe the methods of maintaining the range of equipment in a fit state for use.

Unit 230

Prepare, load and incubate hatching eggs

UAN:	D/502/1764
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units LP20.1 and LP20.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the skills and knowledge required to prepare and load incubators and monitor the incubation of hatching eggs.

Learning outcome
The learner will: 1. be able to prepare and load incubators
Assessment criteria
The learner can: 1.1 prepare the following aspects of the incubation area safely and correctly in accordance with instructions: <ul style="list-style-type: none"> a. walls b. floors c. ceilings d. fixtures and fittings e. fabric 1.2 select eggs for incubation in accordance with set times 1.3 load eggs into the incubator correctly 1.4 maintain the relevant equipment correctly in a hygienic and safe manner.

Learning outcome
The learner will: 2. be able to incubate hatching eggs
Assessment criteria
The learner can: 2.1 maintain hygiene at all times 2.2 monitor and report on at least two of the following conditions of the incubator environment correctly a. temperature b. humidity c. air quality 2.3 assist with checking egg fertility at the required intervals 2.4 select eggs for transfer and hatching using the correct methods 2.5 leave work area and equipment clean and in a suitable condition for future use 2.6 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements 3.2 dispose of waste safely and correctly 3.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 4. know the process of preparing and loading incubators
Assessment criteria
The learner can: 4.1 describe the methods of preparing the incubation area and environment covering: a. walls b. floors c. ceilings d. fixtures and fittings e. fabric 4.2 state the reasons why hygiene is important and describe the methods for maintaining hygiene 4.3 outline the timing requirements of the incubation system 4.4 describe the ways in which eggs should be loaded into the incubator

4.5 describe the actions to be taken in the event of an alarm going off.

Learning outcome
The learner will: 5. know the process of incubating hatching eggs
Assessment criteria
The learner can: 5.1 describe the methods for monitoring the incubator environment and state the reasons for this covering: a. temperature b. humidity c. air quality 5.2 describe the methods of checking the fertility of eggs 5.3 state the types of records kept for transfer of eggs.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements 6.2 describe the correct methods for disposing of waste.

UAN:	K/502/1928
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit O29NLP21.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to hatch and despatch poultry. It covers the work carried out in a hatchery. The correct hygiene procedures must be maintained throughout work activities.

Learning outcome
The learner will: 1. be able to hatch eggs
Assessment criteria
The learner can: 1.1 correctly locate poultry for take off following organisational requirements 1.2 correctly recognise and dispose of sub-standard products safely and in accordance with instruction 1.3 correctly and safely deliver newly hatched birds for sexing 1.4 clean and maintain the hatching area equipment in a safe and hygienic manner ready for future use.

Learning outcome
The learner will: 2. be able to hatch and despatch poultry
Assessment criteria
The learner can: 2.1 demonstrate the correct maintenance of despatch equipment ready for subsequent use through: a. preparation b. checks or adjustments c. hygiene 2.2 prepare newly hatched poultry for transportation correctly 2.3 keep the work area and environmental conditions in a suitable condition throughout operations by correctly monitoring three of the following: a. temperature b. humidity c. air quality d. lighting 2.4 maintain personal hygiene in accordance with codes of practice 2.5 provide clear and accurate information for recording purposes 2.6 clean work area and equipment and leave in a fit and hygienic state ready for future use.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal welfare 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.

Learning outcome
The learner will: 4. know how to prepare the hatching area
Assessment criteria
The learner can: 4.1 outline the methods of maintaining hygiene 4.2 describe the features of sub-standard products and outline the methods of disposal 4.3 describe the methods for cleaning the hatching area and state the reasons why this is important.

Learning outcome
The learner will: 5. know how to hatch and despatch poultry
Assessment criteria
The learner can: 5.1 describe methods of preparing newly hatched poultry for despatch and transportation 5.2 describe the correct ways in which the newly hatched poultry must be boxed 5.3 describe the required environmental conditions within the work area covering: a. temperature b. humidity c. air quality d. lighting 5.4 state the reasons for maintaining personal hygiene 5.5 describe the methods of communicating information.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 outline the current health and safety and animal welfare 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.

Learning outcome
The learner will: 7. know the types of equipment required
Assessment criteria
The learner can: 7.1 describe the equipment which will be required for the activity

UAN:	L/502/1856
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP22.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to look after a flock of laying birds, help to bring them into lay, and maintain egg production after peak egg production has been reached. All systems of production are covered.

Learning outcome
The learner will: 1. be able to assist with establishing egg production
Assessment criteria
The learner can: 1.1 correctly inspect and report on the condition of all equipment for the laying quarters and check that it conforms with the system requirements 1.2 accurately and correctly measure the development of the birds using the appropriate equipment 1.3 correctly monitor and record the lighting programme where required 1.4 monitor the behaviour of the birds, identify concerns correctly and take the appropriate action 1.5 provide clear and accurate information for recording purposes 1.6 correctly examine the living area according to the requirements of the system and promptly report anything of concern 1.7 take the necessary steps to ensure eggs are laid in the appropriate place.

Learning outcome
The learner will: 2. be able to assist with maintaining egg production
Assessment criteria
The learner can: 2.1 correctly examine, maintain and carry out checks in accordance with welfare requirements 2.2 carry out production tasks correctly and safely in accordance with organisational requirements 2.3 correctly monitor egg quality and report any concerns to the appropriate person.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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.

Learning outcome
The learner will: 4. be able to use and maintain relevant equipment
Assessment criteria
The learner can: 4.1 use appropriate equipment according to relevant legislation and manufacturer's instructions 4.2 prepare, maintain and store equipment in a safe and effective working condition

Learning outcome
The learner will: 5. know and understand why it is important to assist with establishing egg production
Assessment criteria
The learner can: 5.1 describe how to identify faults in the system and state to whom they should be reported 5.2 describe ways in which resources are monitored 5.3 outline the performance targets for the birds 5.4 describe the importance of a lighting programme for the birds 5.5 compare normal and abnormal behaviour of the birds in the system and describe the appropriate action to take 5.6 identify the types of records required and the importance of accurate record keeping 5.7 describe the living area appropriate to the system, and outline the methods of maintaining it 5.8 describe the specific welfare standards appropriate to the system.

Learning outcome
The learner will: 6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 outline the current health and safety and animal welfare 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 organic and inorganic waste.

Learning outcome
The learner will: 7. know the types of equipment required
Assessment criteria
The learner can: 7.1 describe the equipment which will be required for the activity.

UAN:	K/502/1847
Level:	2
Credit value:	5
GLH:	38
	This unit is linked to Agriculture NOS units O29NLP23.1,2 and 3
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for collecting and grading eggs. The unit covers collection which can be manual or mechanical and the grading of eggs for eating or hatching.

Learning outcome
The learner will: 1. be able to collect eggs
Assessment criteria
The learner can: 1.1 maintain personal hygiene during egg collection 1.2 collect eggs using methods that are in accordance with organisational requirements and at the right time of the day 1.3 collect eggs using methods that minimise stress to the birds, and that are in accordance with welfare codes 1.4 regularly check for any damage to eggs and minimise damage during collection by using the correct methods and equipment 1.5 handle eggs correctly, and prepare them for selection or grading.

Learning outcome
The learner will: 2. be able to grade eggs
Assessment criteria
The learner can: 2.1 assess the cleanliness of eggs 2.2 accurately identify and remove eggs that are unsuitable for use 2.3 apply identification markings that are clear, accurate and in accordance with organisational requirements a. site, house or flock code b. batch number c. lay date 2.4 position the eggs correctly onto suitable trays 2.5 identify and report any issues with egg quality including: a. shell faults b. level of cleanliness.

Learning outcome
The learner will: 3. be able to maintain accurate records
Assessment criteria
The learner can: 3.1 record clear and accurate information.

Learning outcome
The learner will: 4. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 4.1 work in a way which maintains health and safety, animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements 4.2 dispose of waste safely and correctly.

Learning outcome
The learner will: 5. be able to use relevant equipment
Assessment criteria
The learner can: 5.1 use appropriate equipment for this area of work 5.2 prepare and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 6. be able to prepare eggs for transport
Assessment criteria
The learner can: 6.1 monitor and maintain all the following storage conditions in accordance with organisational requirements: a. temperature b. humidity 6.2 position containers in the storage area safely and securely, and in accordance with requirements

Learning outcome
The learner will: 7. know how to collect eggs
Assessment criteria
The learner can: 7.1 state the personal and work area hygiene standards required for collecting and grading eggs 7.2 describe the methods of collecting eggs that minimises stress to the birds 7.3 state the importance of correct timing when collecting eggs 7.4 describe the ways in which eggs can be damaged and how this can be minimised covering: a. poor handling b. soiling c. equipment faults and breakages 7.5 describe the correct methods of handling eggs 7.6 describe the problems that can occur with egg collection and whom these should be reported to.

Learning outcome
The learner will: 8. know how to grade eggs
Assessment criteria
The learner can: 8.1 describe the correct methods for handling and grading eggs 8.2 state the different categories of eggs 8.3 describe the methods used to prevent contamination and damage of eggs 8.4 the importance of identification markings and how these are applied covering: a. site, house of flock code b. batch number c. lay date 8.5 describe the requirements for traying eggs 8.6 describe the signs of poor egg quality and the appropriate action to take covering:

- a. shell faults
- b. level of cleanliness.

Learning outcome

The learner will:

- 9. know how to prepare eggs for transport

Assessment criteria

The learner can:

- 9.1 state the condition of the storage area in relation to hygiene and health and safety
- 9.2 describe the requirements for the storage conditions for the eggs covering:
 - a. temperature
 - b. humidity
- 9.3 describe the types and condition of storage containers, and possible problems with them
- 9.4 state the possible problems with the storing of eggs, and what action to take.

Learning outcome

The learner will:

- 10. know relevant health and safety legislation and environmental good practice

Assessment criteria

The learner can:

- 10.1 outline the current health and safety and animal welfare legislation, codes of practice and any additional requirements
- 10.2 describe the correct methods for disposing of organic and inorganic waste.

Learning outcome

The learner will:

- 11. know the types of equipment required

Assessment criteria

The learner can:

- 11.1 describe the equipment which will be required for the activity.

Learning outcome

The learner will:

- 12. know how to maintain accurate records

Assessment criteria

The learner can:

- 12.1 state the types of records required and the importance of accurate record keeping.

UAN:	J/502/1421
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU8.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to load and unload physical resources within the work area. The type of physical resources and methods of loading and unloading can be applied to a number of environments.

Learning outcome
The learner will: 1. be able to load and unload physical resources
Assessment criteria
The learner can: 1.1 assess the load to be moved to determine the method of lifting required 1.2 carry out lifting operations safely, in accordance with instructions 1.3 move heavy and bulky items correctly, in accordance with instructions 1.4 position resources safely, securely and in a manner which protects them from damage and contamination including: a. products or materials b. equipment.

Learning outcome
The learner will: 2. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 2.1 select appropriate equipment for this area of work 2.2 use equipment according to relevant legislation and manufacturers' instructions 2.3 prepare, maintain and store equipment in a safe and effective working condition

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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

Learning outcome
The learner will: 4. know how to load and unload physical resources
Assessment criteria
The learner can: 4.1 state the reasons for, and methods of, labelling resources for transportation 4.2 describe how to assess the load to be moved to determine the safest the method of lifting 4.3 describe the safe lifting and carrying techniques which should be used 4.4 describe the loading and unloading requirements for transportation such as positioning, stacking and the weight of loads 4.5 explain the ways of securing resources for transit in order to maintain safety and minimise damage 4.6 describe appropriate methods of protecting resources from contamination and adverse weather conditions 4.7 outline the methods for the safe stacking of products 4.8 describe suitable methods of storing resources.

Learning outcome
The learner will: 5. know the types of equipment required and how to maintain them
Assessment criteria

The learner can:

- 5.1 describe the equipment which will be required for the activity and relevant legal restrictions on operation
- 5.2 describe the methods of maintaining the equipment used.

Learning outcome

The learner will:

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

Assessment criteria

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.

Unit 235

Transport physical resources within the work area

UAN:	J/502/1404
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU8.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to transport physical resources within the work area. The type of physical resources and methods of transportation can be applied to a number of environments.

Learning outcome

The learner will:

1. be able to transport physical resources within the work area

Assessment criteria

The learner can:

- 1.1 transport resources using powered or manual transportation equipment
- 1.2 minimise damage to the resources and environment during manoeuvres and transit
- 1.3 ensure that load is secure and protected from contamination and adverse weather conditions
- 1.4 monitor load during transit and take action if required
- 1.5 provide clear and accurate information for recording purposes.

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

- 2.1 select appropriate equipment for this area of work
- 2.2 use equipment according to relevant legislation

2.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome

The learner will:

3. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

3.1 work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements.

Learning outcome

The learner will:

4. know how to transport physical resources within the work area

Assessment criteria

The learner can:

- 4.1 describe the ways of handling transportation equipment to minimise damage to resources in transit
- 4.2 describe the methods of protecting resources from contamination and adverse weather conditions during transit
- 4.3 state the reasons for monitoring loads during transit and the actions to take in case of problems with:
 - a. imbalance
 - b. contamination
 - c. adverse weather.

Learning outcome

The learner will:

5. know the types of equipment required and how to maintain them

Assessment criteria

The learner can:

- 5.1 describe the equipment which will be required for the activity and relevant legal restrictions on operation
- 5.2 describe the methods of maintaining the equipment used.

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

6.1 outline the current health and safety legislation, codes of practice and any additional requirements.

UAN:	H/501/0457
Level:	2
Credit value:	5
GLH:	38
Relationship to NOS:	This unit is linked to Agriculture NOS units CU11.1 and 2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge, understanding and skills required to prepare and operate a tractor with attachments with minimal direction or guidance.</p> <p>Assessment to be based on naturally occurring evidence of realistic working environment</p> <p>In completing this unit the learner will need to use a tractor in at least two of the following ground conditions: Wet, Dry, Frost</p> <p>The learner will be required to use at least two of the following attachments: Loaders, Trailers, Mounted implements</p> <p>The learner will be required to use the vehicle on two of the following terrain: Hard surfaces, Soft surfaces, Slopes</p>

Learning outcome
<p>The learner will:</p> <ol style="list-style-type: none"> 1. understand how to prepare a tractor and attachments for operation
Assessment criteria
<p>The learner can:</p> <ol style="list-style-type: none"> 1.1 list the required pre-start checks and adjustments 1.2 identify health and safety issues in relation to the preparation and use of tractors 1.3 describe how different types of attachments and how they should be secured 1.4 identify types of attachments that are safe for use and compatible with the tractor and those that are not 1.5 describe conditions which should be taken into account when considering the use of attachments

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|---|
| 1.6 describe adjustment requirements for different attachments and operations |
| 1.7 explain the correct use and duration of warning signals and indicators. |

Learning outcome

The learner will:

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| 2. prepare a tractor and attachments for operation |
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Assessment criteria

The learner can:

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| 2.1 carry out pre-start checks in accordance with standard procedures |
| 2.2 carry out adjustments to attachment in accordance with instructions to meet operational requirements |
| 2.3 check the immediate work area for hazards and obstacles and take the appropriate action |
| 2.4 ensure attachments are compatible with the tractor |
| 2.5 make sure the attachments are secure and safe |
| 2.6 carry out preparation of tractor and attachments in accordance with health and safety legislation and codes of practice. |

Learning outcome

The learner will:

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| 3. understand how to operate a power vehicle |
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Assessment criteria

The learner can:

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| 3.1 describe the ways in which the tractor should be manoeuvred, and how different weather and ground conditions must be taken into account |
| 3.2 list the types of hazards which may be encountered and how these should be dealt with |
| 3.3 describe the capabilities of the tractor and the expected efficiency of tractor operation |
| 3.4 explain the safe use of attachments |
| 3.5 list the reasons why the tractor should be left in a condition suitable for future use |
| 3.6 identify health and safety legislation, and codes of practice in relation to the preparation and use of tractors. |

Learning outcome
The learner will: 4. operate a tractor with attachments
Assessment criteria
The learner can: 4.1 conduct all movements of the tractor safely, and consistent with the type of tractor, attachment and operation 4.2 assess and modify operating procedures to take into account any changes in weather and ground conditions, and types of terrain 4.3 assess and deal with any hazards and obstacles encountered during the operation in accordance with standard practice 4.4 maintain the efficiency of tractor and attachment performance through the appropriate operation of the tractor 4.5 use attachments to the tractor safely at all times 4.6 leave the tractor safe after use and in a condition suitable to its future use 4.7 operate the tractor in accordance with current health and safety legislation, and codes of practice 4.8 carry out all work activities to meet current environmental and legislative requirements 4.9 assist in maintaining records to meet organisational requirements.

UAN:	D/502/1456
Level:	2
Credit value:	4
UAN:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU18.1,2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge and skills required to prepare and maintain structures and surfaces. Preparation includes the site, foundations and drainage.</p> <p>Structures may be permanent or temporary, and could include; fences, walls, sheds and livestock buildings.</p> <p>Surfaces could include standing areas, container beds, roads and pathways</p>

Learning outcome

The learner will:

1. be able to prepare for construction and maintenance

Assessment criteria

The learner can:

- 1.1 prepare the site correctly for construction or maintenance.

Learning outcome

The learner will:

2. be able to construct and maintain structures and surfaces

Assessment criteria

The learner can:

- 2.1 prepare the foundations of the structure so they are, secure and suitable for use
- 2.2 prepare foundations and drainage in accordance with the requirements of the surface
- 2.3 maintain the structure in accordance with instructions
- 2.4 leave the site as tidy as possible following operations.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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.

Learning outcome
The learner will: 4. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 4.1 select and use appropriate equipment for this area of work.

Learning outcome
The learner will: 5. know how to prepare for construction and maintenance
Assessment criteria
The learner can: 5.1 describe the types of equipment and materials required and the correct methods for preparing and maintaining and storing these 5.2 describe suitable methods for preparing the site.

Learning outcome
The learner will: 6. know how to construct and maintain structures and surfaces
Assessment criteria
The learner can: 6.1 describe the purpose of the structure and surface 6.2 describe how to create suitable foundations and the types of foundations required 6.3 state the correct methods for creating adequate drainage 6.4 describe the reasons for, and methods of, construction or maintenance of the structure and surface 6.5 state the condition the site should be left in on completion of operations.

Learning outcome
The learner will: 7. know how to deal with problems
Assessment criteria
The learner can: 7.1 state the types of problems which may occur during operations, including both construction and maintenance, and how these should be dealt with.

Learning outcome
The learner will: 8. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 8.1 outline the current health and safety legislation, codes of practice and any additional requirements 8.2 describe the correct methods for disposing of organic or inorganic waste.

UAN:	F/502/1451
Level:	3
Credit value:	2
GLH:	13
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU20.
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge, understanding and skills required for repairing and maintaining structures or surfaces to meet specifications and ensuring the site is restored to a safe condition. Simulation will not be acceptable.

Learning outcome

The learner will:

1. be able to prepare for the repair and maintenance

Assessment criteria

The learner can:

- 1.1 ensure the necessary materials are available and prepared for the work
- 1.2 prepare the structure or surface and the surrounding site in a appropriate manner.

Learning outcome
The learner will: 2. be able to repair and maintain structures or surfaces
Assessment criteria
The learner can: 2.1 maintain the structure or surface to all the specifications below at the appropriate time a. security b. quality c. design d. construction 2.2 repair the structure or surface to all the specifications at the appropriate time in relation to: a. security b. quality c. design d. construction 2.3 provide clear and accurate information for recording purposes 2.4 ensure the site is restored to a safe condition which is consistent with the surrounding environment and is clear of unwanted materials.

Learning outcome
The learner will: 3. be able to maintain and use relevant equipment
Assessment criteria
The learner can: 3.1 ensure equipment is prepared, used and maintained in a safe and effective condition throughout.

Learning outcome
The learner will: 4. be able to promote health and safety and environmental good practice
Assessment criteria
The learner can: 4.1 work in a way which promotes health and safety, is consistent with relevant legislation, codes of practice and any additional requirements 4.2 ensure work is carried out in a manner which minimises environmental damage 4.3 manage and dispose of waste in accordance with legislative requirements and codes of practice.

Learning outcome
The learner will: 5. understand the principles of maintaining structures and surfaces
Assessment criteria
The learner can: 5.1 explain why surfaces and structures must be repaired and maintained and potential problems if not carried out 5.2 explain the preparation required prior to repairing and maintaining structures and surfaces 5.3 explain how to finish the structure or surface so that it meets the specification covering all of: a. security b. quality c. design d. construction 5.4 describe different maintenance and repair methods which would achieve the specification covering all a. security b. quality c. design d. construction 5.5 describe the types of problems which may occur, including: a. accidental damage b. pollution c. not meeting the specification and the actions to take.

Learning outcome
The learner will: 6. understand relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 6.1 summarise current health and safety legislation, codes of practice and any additional requirements 6.2 describe the possible environmental damage that could occur and how to respond appropriately 6.3 explain the correct and appropriate methods for disposing of organic and inorganic waste.

Learning outcome
The learner will: 7. understand the reasons for maintaining equipment
Assessment criteria
The learner can: 7.1 explain the methods and importance of maintaining equipment for use.

Unit 240

Maintain equipment and machines

UAN:	L/502/1520
Level:	2
Credit value:	4
GLH:	30
Relationship to NOS:	This unit is linked to Agriculture NOS units CU27.1 and CU27.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to carry out routine maintenance of equipment and machines. The maintenance should be carried out in line with the manufacturer's guidance and/or instructions.

Learning outcome

The learner will:

1. be able to prepare equipment and machines for maintenance

Assessment criteria

The learner can:

- 1.1 identify the equipment and machines requiring maintenance
- 1.2 check that the equipment and machines requiring maintenance are safe and completely isolated from the power source
- 1.3 take the correct precautions to minimise dangers from contamination and hazardous chemicals
- 1.4 keep the work area safe and in a condition suitable for the maintenance procedure
- 1.5 obtain and prepare tools and materials suitable for the maintenance procedure.

Learning outcome

The learner will:

2. be able to carry out maintenance procedures

Assessment criteria

The learner can:

- 2.1 maintain equipment and machines in accordance with manufacturers' instructions, standard procedure and legislation
- 2.2 clean, service and store tools after use.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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 minimise the escape of substances and dispose of hazardous and non-hazardous waste safely and correctly.

Learning outcome
The learner will: 4. know how to prepare and carry out maintenance for equipment and machines.
Assessment criteria
The learner can: 4.1 outline the methods for preparing equipment and machines a. manual b. mechanical 4.2 describe the dangers created by stored energy and how these should be responded to during the preparation stage 4.3 state the hazardous chemicals and substances which may be present and ways in which they should be dealt with 4.4 describe the type of tools, equipment and materials required for the maintenance procedure 4.5 describe types of protective clothing required and the reasons why it must be worn 4.6 describe the methods for maintaining equipment and machines and the possible consequences of not maintaining 4.7 outline the levels of responsibility in relation to the maintenance of equipment and machinery and whom to go to for advice 4.8 describe safe and suitable methods of storing tools, equipment and machinery.

Learning outcome
The learner will: 5. know relevant health and safety and legislation and environmental good practice
Assessment criteria
The learner can: 5.1 describe the correct methods for disposing of waste 5.2 outline the current health and safety legislation codes of practice and any additional requirements 5.3 outline the legislative requirements relating to the maintenance of equipment and machinery.

Unit 241

Establish animals in a new environment

UAN:	Y/502/1469
Level:	2
Credit value:	3
UAN:	19
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU42.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge, understanding and skills required to establish animals in a new environment. The unit covers preparing the new environment ready for the animals and monitoring them during establishment. Simulation will not be acceptable.

Learning outcome

The learner will:

1. be able to establish animals in a new environment

Assessment criteria

The learner can:

- 1.1 ensure the new environment is prepared to allow for the safe introduction of the animals
- 1.2 safely establish the animals in their new environment
- 1.3 monitor and maintain the health and welfare of the animals.

Learning outcome

The learner will:

2. be able to promote health and safety

Assessment criteria

The learner can:

- 2.1 work in a way which promotes health and safety, animal welfare, is consistent with relevant legislation, codes of practice and any additional requirements.

Learning outcome
The learner will: 3. be able to maintain accurate records
Assessment criteria
The learner can: 3.1 provide clear and accurate information for recording purposes.

Learning outcome
The learner will: 4. understand how to establish animals in a new environment
Assessment criteria
The learner can: 4.1 explain how to prepare the environment to allow the safe introduction of animals 4.2 explain the factors in the new environment which may cause animals stress and how these can be minimised 4.3 explain the different methods of establishing animals in new environments 4.4 summarise the indicators of potential problems with health and welfare and the action to take.

Learning outcome
The learner will: 5. understand relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 5.1 summarise current health and safety, animal welfare legislation, codes of practice and any additional requirements

UAN:	T/502/1494
Level:	2
Credit value:	4
UAN:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU43.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for preparing to transport animals. It covers planning the journey; the preparation of both the transportation and the animals; and loading and containing the animals. Simulation will not be acceptable where the unit is included in qualifications which verify competent performance. Please refer to Lantra's Assessment Strategy for further guidance.

Learning outcome
The learner will: 1. be able to prepare to transport animals
Assessment criteria
The learner can: 1.1 correctly complete all relevant documentation and records related to movement of animals 1.2 plan a journey for the transport of animals in line with instructions 1.3 check that the transportation equipment, suitability and condition are correct for the transport of animals 1.4 provide for the animals needs for the journey within the transportation environment considering their health and welfare and nutritional requirements.

Learning outcome
The learner will: 2. be able to prepare animals for transport
Assessment criteria
The learner can: 2.1 prepare and handle animals in preparation for loading 2.2 assess animals for fitness to travel and where appropriate take appropriate action if animals are unfit for travel 2.3 load and contain the animals within the transportation equipment, make safe and secure for the journey in a manner which minimises their stress 2.4 segregate animals correctly if required.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety and animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements 3.2 dispose of waste safely and correctly

Learning outcome
The learner will: 4. know who has responsibilities with regard to the transport animals
Assessment criteria
The learner can: 4.1 state the persons who hold responsibility for animal welfare during transport and summarise their responsibilities under animal welfare, the transport of animals and health and safety legislation 4.2 state the authorities that have the right to inspect animals, documentation and vehicles and their powers 4.3 state the authorities to contact, for enquiries about transport conditions, and matters of law 4.4 describe the communication required between all parties involved with transportation of animals.

Learning outcome

The learner will:

5. know how to prepare to transport animals

Assessment criteria

The learner can:

- 5.1 state the types of authorisation required to move animals and when they are required
- 5.2 describe the requirements of planning a journey including:
 - a. requirements for journey recording systems
 - b. the records which are necessary and required
- 5.3 explain the different requirements of documentation for transporting animals dependent on length of travel
- 5.4 describe the requirements for condition and suitability of vehicles and containers used for transport of animals including:
 - a. cleanliness
 - b. health and safety
 - c. security
 - d. travel requirements of animals
 - e. environmental conditions
- 5.5 outline the appropriate nutritional and water requirement levels for the animals concerned.

Learning outcome

The learner will:

6. know how to prepare animals for transport

Assessment criteria

The learner can:

- 6.1 describe indicators used to assess the animal health and welfare
- 6.2 state when unfit animals can be transported
- 6.3 describe the correct methods for preparing and handling animals for loading
- 6.4 state the animal requirements during loading, in relation to flight zone, visual field and lighting
- 6.5 describe the appropriate methods of loading and containing the animals which minimizes their stress
- 6.6 describe possible protective measures required for animals during transportation
- 6.7 outline the possible unplanned occurrences which may occur and how each may best be handled
- 6.8 state when animals need to be segregated
- 6.9 outline the legal requirements in relation to density and number of animals in transport including the effects of overstocking and understocking
- 6.10 describe the circumstances when stocking densities may be adjusted to take into account changing conditions.

Unit 243

Maintain the health and welfare of animals during transportation

UAN:	K/502/1542
Level:	2
Credit value:	4
UAN:	30
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU43.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge and skills required for maintaining the health and welfare of animals during transportation and unloading.</p> <p>It does not cover the driving of vehicles. Simulation will not be acceptable where the unit is included in qualifications which verify competent performance.</p>

Learning outcome
<p>The learner will:</p> <ol style="list-style-type: none"> 1. be able to monitor and maintain animals during transportation
Assessment criteria
<p>The learner can:</p> <ol style="list-style-type: none"> 1.1 monitor animals' health and welfare at the required times during transportation to identify any causes for concern 1.2 recognise changes in animal health and welfare which might signify stress, ill health or injury and take the appropriate actions 1.3 take the appropriate action without delay where there are any concerns over animal health and welfare 1.4 ensure the containment of animals complies with legislation and optimises their health and welfare 1.5 ensure that transport temperature and ventilation conditions maintain animal health and welfare 1.6 control animals during transportation in the correct manner using relevant handling aids if applicable.

Learning outcome
The learner will: 2. be able to carry out post transportation activities
Assessment criteria
The learner can: 2.1 clarify who is to receive the animals and communicate any information which they may require 2.2 unload the animals using appropriate methods and in a manner which minimises their stress and risk of injury 2.3 place the animals in suitable lairage / holding area after transport, that is in compliance with legislation 2.4 clean the transportation equipment in accordance with legislation 2.5 maintain accurate and complete records as required.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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.

Learning outcome
The learner will: 4. know how to monitor and maintain animals during transportation
Assessment criteria
The learner can: 4.1 describe signs of animal health and welfare deterioration in relation to appearance, body functions and behaviour 4.2 state the importance and methods of maintaining the correct temperature and ventilation when transporting animals 4.3 explain when to monitor health and welfare according to the animals being transported, relevant legislation and the method of transportation being used 4.4 describe the causes and signs of stress in animals 4.5 describe the causes, effects and prevention of thermal stress in animals 4.6 describe how to care for unfit or injured animals during transportation 4.7 describe how to assess ill health and determine the actions to be taken and their urgency 4.8 explain when to seek help, and from whom when problems occur during transportation

- 4.9 describe how to maintain health and welfare of animals covering all the following – through the provision of feed and water or not, breaks from travelling, maintaining the transportation environment
- 4.10 describe methods of handling animals during transportation using handling aids if applicable
- 4.11 state circumstances in which animals can be left and how safety and security may be maintained
- 4.12 outline the possible unplanned or unforeseen occurrences which may occur and how each may best be handled
- 4.13 summarise their responsibilities under health and safety, animal welfare and animal transportation legislation.

Learning outcome
The learner will:
5. know relevant health and safety legislation and environmental good practice
Assessment criteria
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.

Learning outcome
The learner will:
6. know how to carry out post transportation activities
Assessment criteria
The learner can:
6.1 state the importance of communicating information to appropriate people
6.2 explain animal requirements when handling animals during unloading, in relation to flight zone, visual field and lighting
6.3 describe the requirements of the holding area / lairage post transportation
6.4 describe how to maintain and clean the transportation equipment after use
6.5 explain any necessary documentation and their responsibility in relation to it.

UAN:	Y/502/1472
Level:	2
Credit value:	7
UAN:	53
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU87.1 and CU87.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to carry out habitat management work. Vegetation includes wood and non-woody vegetation. This unit does not cover heather management by burning. Work on sites must be carried out in line with appropriate permissions and licences.

Learning outcome
The learner will: 1. be able to carry out maintenance tasks
Assessment criteria
The learner can: 1.1 carry out two of the following maintenance tasks: <ul style="list-style-type: none"> a. maintain water levels required for the conservation of the habitat b. reduce the impact of public access on site c. reduce the impact of pollution on site d. maintain soil conditions required for the conservation of the habitat 1.2 keep the site clear of any unnecessary obstacles and waste materials.

Learning outcome
The learner will: 2. be able to manage vegetation in different types of habitat
Assessment criteria
The learner can: 2.1 identify vegetation according to each site's management plan and any constraints 2.2 recognise any hazards and reduce any associated risks to an acceptable level 2.3 manage vegetation using at least four of the correct management techniques and equipment according to the site management plan to include four of the following: a. felling b. coppicing c. uprooting d. hedge maintenance e. pruning f. thinning g. cutting or mowing h. mulching i. spraying.

Learning outcome
The learner will: 3. be able to select, use and maintain equipment for managing vegetation
Assessment criteria
The learner can: 3.1 select appropriate equipment for this area of work 3.2 use equipment according to instructions 3.3 prepare, maintain and store equipment in a safe and effective working condition throughout.

Learning outcome
The learner will: 4. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 4.1 work in a way which maintains health and safety and is consistent with current 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 safely and correctly.

Learning outcome
The learner will: 5. know how to carry out maintenance
Assessment criteria
The learner can: 5.1 describe how to identify hazards and interpret risk assessments 5.2 state how to interpret job specifications 5.3 describe how the maintenance work is affected by the environmental value (in terms of biodiversity and of historical and archaeological value).

Learning outcome
The learner will: 6. know and understand the need to manage vegetation
Assessment criteria
The learner can: 6.1 describe how to recognise the age, state and type of vegetation 6.2 describe all the management techniques used to manage vegetation: a. felling b. coppicing c. uprooting d. hedge maintenance e. pruning f. thinning g. cutting or mowing h. mulching i. spraying 6.3 describe the action to take in the case of accidental damage to habitat, wildlife or landscape 6.4 describe how the work fits into local biodiversity action plans.

Learning outcome
The learner will: 7. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 7.1 describe the equipment which will be necessary for managing vegetation 7.2 describe methods of maintaining the equipment in a fit state for use.

Learning outcome
The learner will: 8. know the current health and safety legislation and environmental good practice
Assessment criteria
The learner can: 8.1 outline the current health and safety legislation, codes of practice and any additional requirements, which apply to this area of work including permissions or licences 8.2 describe how environmental damage can be minimised 8.3 describe the correct methods for disposing of waste.

UAN:	L/502/1694
Level:	2
Credit value:	4
UAN:	45
Relationship to NOS:	This unit is linked to Agriculture NOS unit AC9
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge and skills required to groom animals for their health and welfare. The grooming described in this unit is necessary for maintaining the health and welfare of animals on a day-to-day basis</p> <p>This unit is designed to be applicable to working with all types of animals that need to be groomed. These may include furred animals such as cats, rabbits and guinea pigs as well as livestock. A separate specialist unit has been developed for the dog grooming industry.</p> <p>The unit does not cover enabling animals to groom themselves as this is covered in a separate unit.</p>

Learning outcome
The learner will:
1. be able to assess the animal prior to grooming
Assessment criteria
The learner can:
1.1 confirm that the environment and the equipment to be used is clean, ready for use and is secure and safe for both themselves and the animal
1.2 handle animals in a manner that promotes their confidence and co-operation and health and safety of all throughout
1.3 report promptly to the appropriate person when examination of the animal reveals an abnormal condition.

Learning outcome
The learner will: 2. be able to prepare and groom animals
Assessment criteria
The learner can: 2.1 select and use equipment and materials which is appropriate to the animal and its care requirements 2.2 prepare the animal ready for grooming using the correct techniques and equipment. Preparation to include: a. remove excess hair, knots and tangles b. clean the animal's coat and skin c. remove dirt and debris from feet 2.3 groom the animal using the correct methods 2.4 observe the condition of the animal during the process and report any changes to the appropriate person 2.5 communicate with others on the animal's care requirements 2.6 keep accurate records on the techniques and materials used to care for the animal.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 work in a way which maintains health and safety, animal welfare 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.

Learning outcome
The learner will: 4. know how to prepare and groom animals
Assessment criteria
The learner can: 4.1 state why it is important to approach and handle animals in a manner that promotes their confidence, co-operation, health and safety 4.2 describe how the type of animal affects the method of preparing for grooming and the equipment that should be used 4.3 describe how to prepare animals for grooming covering all of the following methods a. remove excess hair, knots and tangles b. clean the animal's coat and skin c. remove dirt and debris from feet

- 4.4 describe different methods used for grooming the animals
- 4.5 state why particular care is required when working on specific areas of the animal
- 4.6 list the steps that should be taken in the event of accidentally damaging the animal
- 4.7 state why it is important to communicate the animals care requirements
- 4.8 describe the limits of groomer's role when identifying possible abnormalities and conditions (i.e. not diagnosing) and the importance of referring to a veterinary surgeon
- 4.9 state why it is important to keep accurate records of the care provided to the animal.

Learning outcome
The learner will:
5. know how to prepare and groom animals
Assessment criteria
The learner can:
5.1 describe the normal signs of health and the signs indicating that the animal should be referred to a veterinary surgeon
5.2 describe basic animal anatomy and physiology sufficient to identify abnormalities
5.3 explain the signs and symptoms of basic skin problems and infestations.

Learning outcome
The learner will:
6. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can:
6.1 outline the current health and safety animal welfare 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.

Learning outcome
The learner will:
7. know the types of equipment required and how to maintain them
Assessment criteria
The learner can:
7.1 describe the equipment and materials which will be required for the activity
7.2 describe methods of maintaining the range of equipment used
7.3 explain the importance of following manufacturers' instructions regarding the use of equipment and products,

how to correctly interpret these instructions, and the possible consequences of not doing so.

Unit 245 Prepare and groom animals

Supporting information

Evidence requirements

5.2

Learners are expected to understand the anatomy of the animals with which they are working.

UAN:	A/502/1609
Level:	2
Credit value:	3
UAN:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit AC6
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to deal with visitors to sites. It covers caring for and monitoring the behaviour of visitors in the workplace, and providing them with information. Workplaces may be open to the public or may be organisations to which visitors are invited or where officials have the right of access.

Learning outcome

The learner will:

1. be able to welcome and receive visitors

Assessment criteria

The learner can:

- 1.1 keep the area in a state of readiness to receive visitors safely
- 1.2 greet and communicate with visitors in an appropriate manner
- 1.3 identify and report inappropriate visitors
- 1.4 work in a way which promotes health and safety, is consistent with relevant legislation and codes of practice.

Learning outcome

The learner will:

2. be able to care for visitors

Assessment criteria

The learner can:

- 2.1 care for visitors in accordance with their needs and relevant policies
- 2.2 refer visitors to the appropriate source of information

2.3 manage visitors to the site in a way which is consistent with its purpose and condition, and in a manner which promotes their own safety and security.

Learning outcome
The learner will: 3. know how to welcome and receive visitors
Assessment criteria
The learner can: 3.1 state the preparations required for the arrival of visitors covering groups and individuals 3.2 outline the importance of creating a positive first impression and how this is achieved 3.3 describe how to recognise those visitors who should not be on the site and understand the limitations and the dangers in being able to deal with them 3.4 list potential sources of information for visitors covering groups and individuals 3.5 describe effective methods of communicating to groups and individuals.

Learning outcome
The learner will: 4. know how to care for visitors
Assessment criteria
The learner can: 4.1 outline how to monitor visitors' needs and when to intercept to offer help 4.2 describe how the purpose of the site can be maintained whilst accommodating the needs and security of visitors covering all of the following: a. supporting visitors in terms of their safety and welfare b. providing information to visitors c. caring for the environment (eg by restricting access) d. maintaining the bio-security of the site e. maintaining the welfare of the animals.

Learning outcome
The learner will: 5. know the relevant health and safety procedures
Assessment criteria
The learner can: 5.1 describe how bio-security and welfare can be maintained on sites open to visitors 5.2 outline organisational policy on health and safety and confidentiality and how this can be maintained.

Unit 246 Welcome, receive and care for visitors to sites

Supporting information

Evidence requirements

1.3

Witness statements may be appropriate here.

UAN:	J/502/1421
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU8
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	<p>The aim of this unit is to provide the learner with the knowledge and skills required to load and unload physical resources within the work area. The type of physical resources and methods of loading and unloading can be applied to a number of environments.</p> <p>Simulation will not be acceptable where this unit is included in qualifications which verify competent performance.</p>

Learning outcome

The learner will:

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| 1. be able to load and unload physical resources |
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Assessment criteria

The learner can:

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| 1.1 assess the load to be moved to determine the method of lifting required |
| 1.2 carry out lifting operations safely, in accordance with instructions |
| 1.3 move heavy and bulky items correctly, in accordance with instructions |
| 1.4 position resources safely, securely and in a manner which protects them from damage and contamination including: <ul style="list-style-type: none"> a. products or materials b. equipment. |

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

- 2.1 select appropriate equipment for this area of work
- 2.2 use equipment according to relevant legislation and manufacturers' instructions
- 2.3 prepare, maintain and store equipment in a safe and effective working condition.

Learning outcome

The learner will:

3. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

- 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.

Learning outcome

The learner will:

4. know how to load and unload physical resources

Assessment criteria

The learner can:

- 4.1 state the reasons for, and methods of, labelling resources for transportation
- 4.2 describe how to assess the load to be moved to determine the safest the method of lifting
- 4.3 describe the safe lifting and carrying techniques which should be used
- 4.4 describe the loading and unloading requirements for transportation such as positioning, stacking and the weight of loads
- 4.5 explain the ways of securing resources for transit in order to maintain safety and minimise damage
- 4.6 describe appropriate methods of protecting resources from contamination and adverse weather conditions
- 4.7 outline the methods for the safe stacking of products
- 4.8 describe suitable methods of storing resources.

Learning outcome

The learner will:

5. know the types of equipment required and how to maintain them

Assessment criteria

The learner can:

- 5.1 describe the equipment which will be required for the activity and relevant legal restrictions on operation
- 5.2 describe the methods of maintaining the equipment used.

Learning outcome

The learner will:

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

Assessment criteria

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.

Unit 249

Give customers a positive impression of yourself and your organisation

UAN:	L/601/0933
Level:	2
Credit value:	5
UAN:	33
Relationship to NOS:	This unit is linked to ICS Unit 9
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	This Unit is all about the learner communicating with customers and giving a positive impression of themselves whenever dealing with a customer. By doing this they will also be giving a positive impression of their organisation and the customer service it provides

Learning outcome
The learner will: 1. establish rapport with customers
Assessment criteria
The learner can: 1.1 meet their organisation's standards of appearance and behaviour 1.2 greet their customer respectfully and in a friendly manner 1.3 communicate with their customer in a way that makes them feel valued and respected 1.4 identify and confirm their customer's expectations 1.5 treat their customer courteously and helpfully at all times 1.6 keep their customer informed and reassured 1.7 adapt their behaviour to respond effectively to different customer behaviour.

Learning outcome
The learner will: 2. respond appropriately to customers
Assessment criteria
The learner can: 2.1 respond promptly to a customer seeking help 2.2 choose the most appropriate way to communicate with their customer 2.3 check with their customer that they have fully understood their expectations 2.4 respond promptly and positively to their customer's questions and comments 2.5 allow their customer time to consider their response and give further explanation when appropriate

Learning outcome
The learner will: 3. communicate information to customers
Assessment criteria
The learner can: 3.1 quickly find information that will help their customer 3.2 give their customer the information they need about the services or products offered by the organization 3.3 recognise information that their customer might find complicated and check whether they fully understand 3.4 explain clearly to their customers any reasons why their expectations cannot be met

Learning outcome
The learner will: 4. understand how to give customers a positive impression of themselves and the organisation
Assessment criteria
The learner can: 4.1 describe their organisation's standards for appearance and behaviour 4.2 explain their organisation's guidelines for how to recognise what their customer wants and respond appropriately 4.3 identify their organisation's rules and procedures regarding the methods of communication that they use 4.4 explain how to recognise when a customer is angry or confused 4.5 identify their organisation's standards for timeliness in responding to customer questions and requests for information

UAN:	D/502/1845
Level:	2
Credit value:	3
GLH:	19
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP47
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to deliver basic health care treatment to livestock. The word 'treatments' is used to mean such things as preventative treatments and administering medicines eg vaccines.

Learning outcome

The learner will:

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| 1. be able to use treatments safely and correctly |
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Assessment criteria

The learner can:

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| 1.1 follow instructions precisely and correctly when assisting in administering the following treatments: <ul style="list-style-type: none"> a. preventative b. prescriptive |
| 1.2 report any difficulties in administering the treatments |
| 1.3 complete records of the treatment accurately and legibly in line with legal requirements |
| 1.4 observe livestock after treatments and report concerns immediately. |

Learning outcome

The learner will:

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| 2. be able to work safely and minimise environmental damage |
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Assessment criteria

The learner can:

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| 2.1 work in a way which maintains health and safety and animal welfare and is consistent with relevant legislation, codes of practice and any additional requirements |
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- 2.2 carry out work in a manner which minimises environmental damage
- 2.3 dispose of waste from basic health care and treatments in a safe manner and place, to prevent contamination.

Learning outcome
The learner will: 3. be able to select, use and maintain relevant equipment
Assessment criteria
The learner can: 3.1 select and use appropriate equipment to administer treatments according to relevant legislation and instructions 3.2 prepare, maintain, clean and store equipment in a safe and effective working condition.

Learning outcome
The learner will: 4. know how to deliver basic treatment to livestock
Assessment criteria
The learner can: 4.1 describe the types of materials used for treatments 4.2 describe the difficulties which might arise and state to whom they should be reported 4.3 identify what records are needed and describe how to complete them correctly and the consequences of not doing so 4.4 describe the problems which could arise after treatment 4.5 state the reasons for culling livestock following treatments.

Learning outcome
The learner will: 5. know relevant health and safety legislation and environmental good practice
Assessment criteria
The learner can: 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 waste to help prevent contamination: <ul style="list-style-type: none"> a. contaminated b. non-contaminated c. hazardous d. non-hazardous.

Learning outcome
The learner will:

6. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 6.1 describe the equipment which will be required for treatment 6.2 describe the methods of maintaining the equipment.

UAN:	D/502/1425
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU19.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to construct and maintain paths using both fluid components and hard components.

Learning outcome
The learner will: 1. be able to construct and maintain paths
Assessment criteria
The learner can: 1.1 keep the route and dimensions of the path within tolerances specified for the site 1.2 lay and support surface materials correctly and securely 1.3 ensure drainage is effective 1.4 lay paths efficiently, effectively and securely using both: a. fluid component b. hard component 1.5 carry out maintenance of the path efficiently, effectively and securely using both: a. fluid component b. hard component 1.6 ensure the appearance and condition of path is fit for purpose following construction or maintenance.

Learning outcome
The learner will: 2. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 2.1 work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements

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| 2.2 carry out work in a manner which minimises environmental damage
2.3 dispose of waste safely and correctly. |
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Learning outcome

The learner will:

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| 3. be able to select, use and maintain relevant equipment |
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Assessment criteria

The learner can:

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| 3.1 select and use equipment according to instructions
3.2 prepare, maintain and store equipment in a safe and effective working condition throughout. |
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Learning outcome

The learner will:

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| 4. know how to construct and maintain paths |
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Assessment criteria

The learner can:

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| 4.1 describe the standards of construction for different types of paths
4.2 state the advantages and disadvantages of different types of paths and situations in which they are appropriate:
a. fluid components
b. hard components
4.3 describe construction methods required and how to ensure routes and dimensions are within agreed tolerances
4.4 describe the principles of drainage for paths and how to ensure its effectiveness
4.5 describe the potential hazards presented by services on site and how to avoid these
4.6 describe the type of problems that may occur and the actions required. |
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Learning outcome

The learner will:

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| 5. know the types of equipment required and how to maintain them |
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Assessment criteria

The learner can:

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| 5.1 describe the methods of maintaining the range of equipment used. |
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Learning outcome

The learner will:

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| 6. know relevant health and safety legislation and environmental good practice |
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Assessment criteria

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 organic and inorganic waste.

UAN:	T/501/7042
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Fencing NOS unit FE3.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge, understanding and skills required to enable learners to excavate and form foundations for fencing under minimal direction or guidance. Simulation will not be acceptable.

Learning outcome

The learner will:

1. work safely and in line with requirements

Assessment criteria

The learner can:

- 1.1 work safely in line with health and safety requirements
- 1.2 complete work in a manner which causes minimal disturbance to the environment
- 1.3 dispose of waste and excess materials safely.

Learning outcome

The learner will:

2. be able to select, prepare and maintain tools and equipment

Assessment criteria

The learner can:

- 2.1 select and prepare tools, equipment and resources ready for use
- 2.2 maintain tools, equipment and resources in a clean and serviceable condition throughout excavation.

Learning outcome
The learner will: 3. be able to excavate foundations to comply with (fence) specifications
Assessment criteria
The learner can: 3.1 use recommended working practices to excavate ground.

Learning outcome
The learner will: 4. be able to form foundations to comply with (fence) specification
Assessment criteria
The learner can: 4.1 place concrete/or other suitable material and compact to provide for foundation strength, size, profile and finish 4.2 establish provision to support the future installation of posts.

Learning outcome
The learner will: 5. be able to deal with difficulties
Assessment criteria
The learner can: 5.1 deal with difficulties experienced during work within levels of responsibility 5.2 request advice on how to deal with difficulties outside level of own responsibility.

Learning outcome
The learner will: 6. know the relevant legislation and codes of practice
Assessment criteria
The learner can: 6.1 outline the health and safety, legislation and codes of practice associated with excavation work 6.2 identify the environmental issues associated with the disposal of waste, excess materials and concrete/other material.

Learning outcome
The learner will: 7. know how to excavate for fence foundations
Assessment criteria
The learner can: 7.1 name the types and correct use of equipment used for excavating post holes and strip trenches

7.2 outline how and when temporary supports should be used to support excavations.

Learning outcome

The learner will:

8. know how to form foundations for fencing specifications

Assessment criteria

The learner can:

8.1 outline the materials and ratios used in concrete/other suitable material

8.2 explain the methods used for mixing, placing, compacting, finishing and curing concrete/other suitable material

8.3 outline the methods used for forming pockets in concrete/other suitable material for future fixing

8.4 outline the techniques used for casting-in fixing items.

Unit 254

Construct and maintain boundaries

UAN:	T/502/1429
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU19.1
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required to construct and maintain boundaries. The types of boundaries are fences and walls. Simulation will not be acceptable.

Learning outcome

The learner will:

1. be able to construct and maintain boundaries

Assessment criteria

The learner can:

- 1.1 check the selected materials meet the agreed specifications
- 1.2 maintain one of the boundaries below within the tolerances specified for the site
 - a. fence
 - b. wall
- 1.3 keep damage to other features, services and wildlife on site to a minimum
- 1.4 carry out construction of boundaries efficiently, effectively and securely
- 1.5 maintain the appearance and fabric of boundaries so that they are fit for their purpose.

Learning outcome

The learner will:

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

Assessment criteria

The learner can:

- 2.1 select and use appropriate equipment for this area of work

2.2 prepare, maintain and store equipment in a safe and effective working condition throughout.

Learning outcome

The learner will:

3. be able to work safely and minimise environmental damage

Assessment criteria

The learner can:

- 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.

Learning outcome

The learner will:

4. know how to construct and maintain boundaries

Assessment criteria

The learner can:

- 4.1 outline the purpose of boundaries
- 4.2 state the advantages and disadvantages of different types of boundaries and the appropriate situations in which to use them
- 4.3 describe the materials needed for construction and maintenance of boundaries
- 4.4 describe how to measure to ensure work is within tolerances for the site
- 4.5 describe the potential hazards presented by services and how to avoid these
- 4.6 describe the type of problems that may occur and the actions required when constructing and maintaining boundaries
- 4.7 state what to look for in deciding whether the appearance and fabric of boundaries are fit for purpose.

Learning outcome

The learner will:

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

Assessment criteria

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 organic and inorganic waste.

Learning outcome

The learner will:

6. know the types of equipment required and how to maintain them
Assessment criteria
The learner can: 6.1 describe the methods of maintaining the range of equipment used.

Unit 255 Respond to customer requests

UAN:	F/505/5003
Level:	2
Credit value:	5
GLH:	33
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.

Learning outcome
The learner will: 1. be able to establish a rapport with customers
Assessment criteria
The learner can: 1.1 comply with organisation's standards of appearance and behaviour 1.2 greet customers in line with organisational requirements 1.3 communicate with customers in line with organisational requirements 1.4 confirm customers' expectations 1.5 adapt behaviour to respond to different customers' behaviour.

Learning outcome
The learner will: 2. be able to respond appropriately to customers
Assessment criteria
The learner can: 2.1 respond to customers seeking assistance 2.2 select method to communicate with customers 2.3 check with customers that expectations have been met 2.4 respond to customers' questions and comments.

Learning outcome
The learner will: 3. be able to communicate information to customers
Assessment criteria
The learner can: 3.1 locate information that will help customers 3.2 give customers information required about the services or products offered by the organisation 3.3 identify information that customers might find complicated and check their understanding 3.4 explain to customers reasons why expectations cannot be met.

Learning outcome
The learner will: 4. understand how to give customers a positive impression of organisation
Assessment criteria
The learner can: 4.1 describe organisation's standards for appearance and behaviour 4.2 identify organisation's rules and procedures regarding the methods of communication they use 4.3 identify organisation's standards for timeliness in responding to customer questions and requests for information.

UAN:	M/505/5000
Level:	2
Credit value:	4
GLH:	26
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.

Learning outcome
The learner will: 1. be able to prepare to receive deliveries
Assessment criteria
The learner can: 1.1 identify the quantity and nature of the items to be delivered 1.2 identify the storage space required for the expected delivery 1.3 check that enough storage space is available for expected deliveries 1.4 identify the person to report any shortage of storage space 1.5 check to ensure that the receiving area is clean, tidy and free from obstructions and hazards 1.6 check to ensure that the necessary handling equipment is available and is in good working order 1.7 check to ensure that the relevant records are complete, accurate and up to date.

Learning outcome
The learner will: 2. be able to receive deliveries into storage
Assessment criteria
The learner can: 2.1 check that the type, quantity and quality of items delivered are acceptable 2.2 describe how to refuse faulty deliveries, including how to record these and who needs to know about them 2.3 check deliveries using methods that are safe, hygienic and protect the items from damage 2.4 allow deliveries to be off-loaded into the designated area 2.5 update stock control systems in line with organisational procedures

2.6 follow legal and organisational requirements for maintaining security and safety while receiving deliveries.

Learning outcome
The learner will: 3. understand the importance of preparing for expected deliveries
Assessment criteria
The learner can: 3.1 explain why it is necessary to prepare thoroughly to receive deliveries 3.2 explain why any shortage of storage space needs to be reported promptly 3.3 explain why accurate, complete and up-to-date records are needed for deliveries.

Learning outcome
The learner will: 4. understand own responsibility for handling goods and materials
Assessment criteria
The learner can: 4.1 explain the importance of handling goods and materials safely, hygienically and in ways that protect them from damage.

UAN:	M/505/4994
Level:	2
Credit value:	4
GLH:	26
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU72.3
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.

Learning outcome
The learner will:
1. be able to place goods and materials into storage
Assessment criteria
The learner can:
1.1 perform checks to ensure that adequate storage facilities are available
1.2 perform checks to ensure that handling equipment is in working order
1.3 place goods and materials into the designated storage facilities
1.4 complete relevant records in line with organisational procedures.

Learning outcome
The learner will:
2. understand the requirements for storing goods and materials
Assessment criteria
The learner can:
2.1 explain potential causes for goods and materials to deteriorate in storage
2.2 describe types of storage facilities and storage conditions that are needed for the goods and materials
2.3 explain legal and organisational requirements for storing goods and materials safely and securely
2.4 explain why stock needs to be rotated in storage.

Learning outcome
The learner will: 3. know procedures for resolving problems with storage facilities and equipment
Assessment criteria
The learner can: 3.1 describe procedures for reporting any lack of suitable storage facilities 3.2 describe how to fix faulty equipment when this falls within own responsibility 3.3 describe procedures for reporting equipment faults that are not within own responsibility to fix.

UAN:	J/505/4998
Level:	2
Credit value:	1
GLH:	8
Relationship to NOS:	This unit is linked to Agriculture NOS unit LAN10
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.

Learning outcome

The learner will:

1. be able to process payments for purchases

Assessment criteria

The learner can:

- 1.1 inform customers of the amount to pay, taking account of any special offers or discounts that apply
- 1.2 process payments in line with organisational procedures
- 1.3 explain how to inform customers that payment cannot be approved
- 1.4 offer any additional services to customers
- 1.5 acknowledge other customers who are waiting for assistance.

Learning outcome

The learner will:

2. understand legal and organisational requirements for processing payments

Assessment criteria

The learner can:

- 2.1 explain the customer's rights in relation to the pricing of goods
- 2.2 explain organisation's duties and responsibilities in relation to the pricing of goods
- 2.3 explain how the organisation deals with suspected fraud
- 2.4 explain how to resolve price problems.

UAN:	M/505/4977
Level:	2
Credit value:	2
GLH:	15
Relationship to NOS:	This unit is linked to Agriculture NOS unit LP6
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra.
Aim:	The aim of this unit is to provide the learner with the knowledge and skills required for maintaining site biosecurity. It covers personal hygiene as well as site hygiene and the biosecurity of vehicles entering and leaving the site.

Learning outcome
The learner will: 1. Be able to maintain the correct bio-security measures on site
Assessment criteria
The learner can: 1.1 Encourage drivers of vehicles to use the correct hygiene procedures when entering and leaving the site 1.2 Follow organisational cleaning and hygiene measures while on the site 1.3 Assist in establishing bio-security measures for personnel and vehicles 1.4 Use the cleaning equipment correctly and in accordance with manufacturers or organisational instructions 1.5 Select and use the appropriate equipment to maintain the correct bio-security measures on site. 1.6 Use chemicals according to instructions regarding dilution rates, uses and health and safety precautions 1.7 Store all chemicals and equipment safely and correctly after use 1.8 Recognise and report any cases of rodent or pest infestation 1.9 Ensure all hygiene records are completed in-line with policies and current and relevant legislation as required.

Learning outcome
The learner will: 2. Be able to maintain personal hygiene
Assessment criteria
The learner can: 2.1 Take steps to avoid unnecessary cross contamination whilst on site 2.2 Wear suitable clothing and footwear in accordance with requirements 2.3 Keep work areas clean and hygienic 2.4 Follow appropriate personal hygiene measures at work 2.5 Recognise and report all concerns regarding hygiene to the appropriate person.

Learning outcome
The learner will: 3. Be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 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.

Learning outcome
The learner will: 4. Know how to maintain the correct bio-security measures on site
Assessment criteria
The learner can: 4.1 State the reasons for correct bio-security measures 4.2 State the reasons for applying the correct hygiene procedures for vehicles entering and leaving the site 4.3 State the methods for cleaning and disinfecting 4.4 State the correct and safe handling, storage and usage of chemicals 4.5 Describe the warning signs required, their correct location and use 4.6 Describe the signs of rodent and pest infestation 4.7 Identify the types of records required for bio-security and chemical usage and the importance of accurate record keeping.

Learning outcome
The learner will: 5. Know how to maintain personal hygiene
Assessment criteria
The learner can: 5.1 Describe how contamination and cross contamination occurs and the possible consequences 5.2 State what clothing and footwear is suitable for maintain bio-security 5.3 State the appropriate personal hygiene measures and the consequences of not following them.

Learning outcome
The learner will: 6. Know relevant health and safety legislation and environmental good practice
Assessment criteria
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 organic and inorganic waste 6.4 Describe the methods of maintaining equipment used for site bio-security and personal hygiene.

Unit 345

Prepare and operate a power vehicle (excluding tractors)

UAN:	H/501/0460
Level:	3
Credit value:	4
GLH:	26
Relationship to NOS:	This unit is linked to Agriculture NOS unit CU12
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.

Learning outcome
The learner will: 1. understand how to prepare a power vehicle for operation
Assessment criteria
The learner can: 1.1 identify the function of all controls and instruments 1.2 list the required pre-start checks and adjustments 1.3 describe health and safety issues in relation to the preparation and use of the power vehicle 1.4 detail types of attachments and how they should be secured 1.5 detail types of attachments that are safe for use with the power vehicle and those that are not 1.6 identify conditions which should be taken into account when considering the use of attachments 1.7 list the types of safety equipment which should be available 1.8 describe the correct use and duration of warning signals and indicators.

Learning outcome
The learner will: 2. prepare a power vehicle for operation
Assessment criteria
The learner can: 2.1 carry out pre-start checks and adjustments in accordance with standard procedures 2.2 check the immediate work area for hazards and obstacles and take the appropriate action 2.3 ensure that the appropriate safety equipment is available and in good working order 2.4 select attachments that are suitable for the power vehicle 2.5 make sure that attachments are secure and safe 2.6 check that the work area is clear of people and animals immediately prior to the start of operations 2.7 use the correct warning signals immediately prior to the commencement of operations 2.8 carry out all work activities in accordance with health and safety legislation and codes of practice.

Learning outcome
The learner will: 3. be able to work safely and minimise environmental damage
Assessment criteria
The learner can: 3.1 describe the ways in which the vehicle should be manoeuvred and how different weather and ground conditions must be taken into account 3.2 list the types of hazards which may be encountered and how these should be dealt with 3.3 describe the capabilities of the vehicle and the expected efficiency of vehicle operation 3.4 detail how to use attachments safely 3.5 explain by the reasons why the vehicle should be left in a condition suitable for future use 3.6 detail health and safety legislation, and codes of practice in relation to the preparation and use of power vehicles.

Learning outcome
The learner will: 4. operate a power vehicle
Assessment criteria
The learner can: 4.1 conduct all movements of the vehicle safely, and consistent with the type of vehicle and operation 4.2 modify operating procedures to take into account any changes in weather, ground conditions, and types of terrain 4.3 deal with any hazards and obstacles encountered during the operation in accordance with standard practice 4.4 maintain the efficiency of vehicle performance through the appropriate handling and use of the vehicle 4.5 use attachments to the vehicle safely at all times 4.6 leave the vehicle safe after use and in a condition suitable to its future use 4.7 carry out all work activities in accordance with health and safety legislation, and codes of practice.

UAN:	A/501/7043
Level:	2
Credit value:	3
GLH:	23
Relationship to NOS:	This unit is linked to Fencing NOS unit FE3.2
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.
Aim:	The aim of this unit is to provide the learner with the knowledge, understanding and skills required to enable learners to place and fix fence posts under minimal direction or guidance. Simulation will not be acceptable.

Learning outcome
The learner will: 1. work safely in line with legislation and codes of practice
Assessment criteria
The learner can: 1.1 work safely in line with health and safety requirements 1.2 complete work in a manner which causes minimal disturbance to the environment 1.3 dispose of waste and excess materials safely.

Learning outcome
The learner will: 2. be able to select and prepare tools
Assessment criteria
The learner can: 2.1 select and prepare tools, equipment and resources ready for use.

Learning outcome
The learner will: 3. be able to prepare materials
Assessment criteria
The learner can:

3.1 obtain fencing materials of specified type, material, quality and grade.

Learning outcome
The learner will: 4. be able to place and fix posts
Assessment criteria
The learner can: 4.1 use three of the following methods to fix posts to the specified line, level and angle: <ul style="list-style-type: none"> a. driving b. bolting c. casting d. socketing e. backfilling f. consolidating 4.2 use recommended working practices to position and fix fence and gate posts 4.3 use recommended methods for providing temporary supports to posts set in concrete/or other suitable material.

Learning outcome
The learner will: 5. be able to deal with difficulties
Assessment criteria
The learner can: 5.1 deal with difficulties experienced during work within levels of responsibility.

Learning outcome
The learner will: 6. know the relevant legislation and codes of practice
Assessment criteria
The learner can: 6.1 outline the health and safety, legislation and codes of practice associated with placing and positioning of posts 6.2 outline the hazards and risks involved in fence installation carried out at heights.

Learning outcome
The learner will: 7. know how to place and fix posts
Assessment criteria
The learner can: 7.1 outline the methods used for aligning and levelling posts 7.2 state the reasons for, and methods of, setting posts to allow for tensioning 7.3 name the factors that affect the positioning and the method of fixing posts 7.4 name the types of backfill and methods of consolidation

7.5 outline the precautions to take to avoid distortion during tensioning process.

UAN:	Y/502/3285
Level:	3
Credit value:	4
G:H:	26
Endorsement by a sector or regulatory body:	This unit is endorsed by Lantra SSC.

Learning outcome
The learner will: 1. be able to encourage environmental good practice at work
Assessment criteria
The learner can: 1.1 ensure work is carried out efficiently, effectively and in a manner which minimises environmental damage 1.2 ensure work is carried out in accordance with relevant legislation and organisational requirements with respect to environmental good practice 1.3 take effective and prompt action in response to damage or to prevent damage to the environment 1.4 provide clear and accurate information on environmental problems to others within the organisation 1.5 carry out monitoring activities in accordance with organisational requirements and environmental good practice.

Learning outcome
The learner will: 2. be able to improve work activities to enhance environmental performance
Assessment criteria
The learner can: 2.1 identify ways of changing work activities for which they have responsibility in order to improve environmental performance 2.2 evaluate the advantages and disadvantages of changes to work activities and make a decision on how best to proceed 2.3 make changes to work activities in accordance with organisational and legislative requirements 2.4 encourage interested parties to improve their environmental performance

- 2.5 publicise the environmental benefits of changes in work activities
- 2.6 monitor and evaluate the effectiveness of changes to work activities and use the findings to inform future practice.

Learning outcome
The learner will: 3. understand how to encourage environmental good practice at work
Assessment criteria
The learner can: 3.1 explain ways of working which minimise environmental damage 3.2 outline relevant legislation, regulatory and organisational requirements with respect to environmental good practice 3.3 explain the action to take in response to environmental damage 3.4 describe the correct methods for minimising waste and disposing of waste 3.5 explain the information which should be provided regarding environmental good practice and the procedures involved.

Learning outcome
The learner will: 4. understand how to improve work activities to enhance environmental performance
Assessment criteria
The learner can: 4.1 explain ways of working which maintain and improve environmental performance covering: <ul style="list-style-type: none"> a. identifying and optimising the environmental implications of resource b. identifying and optimising the environmental impact of an organisation's work c. identifying and optimising the environmental implications of an organisation's products or services d. maintaining or increasing levels of recycling and re-use e. meeting the environmental requirements of legislation f. meeting the environmental requirements of interested parties 4.2 describe the factors which may limit improvements to environmental performance 4.3 describe benefits to an organisation and the environment of improved environmental good practice and performance 4.4 outline the situations which may need preventative or remedial action as a consequence of work by an organisation

- 4.5 explain the consequences of failing to maintain and improve environmental good practice
- 4.6 explain ways of influencing and motivating others (internal and external) to improve environmental performance
- 4.7 explain ways of monitoring and evaluating the effectiveness of improvements in environmental performance
- 4.8 describe reasons for, and ways of publicising the benefits and results of improved environmental performance.



Appendix 1 Sources of general information

The following documents contain essential information for centres delivering City & Guilds qualifications. They should be referred to in conjunction with this handbook. To download the documents and to find other useful documents, go to the **Centres and Training Providers homepage** on www.cityandguilds.com.

Centre Manual - Supporting Customer Excellence contains detailed information about the processes which must be followed and requirements which must be met for a centre to achieve 'approved centre' status, or to offer a particular qualification, as well as updates and good practice exemplars for City & Guilds assessment and policy issues. Specifically, the document includes sections on:

- The centre and qualification approval process
- Assessment, internal quality assurance and examination roles at the centre
- Registration and certification of candidates
- Non-compliance
- Complaints and appeals
- Equal opportunities
- Data protection
- Management systems
- Maintaining records
- Assessment
- Internal quality assurance
- External quality assurance.

Our Quality Assurance Requirements encompasses all of the relevant requirements of key regulatory documents such as:

- Regulatory Arrangements for the Qualifications and Credit Framework (2008)
- SQA Awarding Body Criteria (2007)
- NVQ Code of Practice (2006)

and sets out the criteria that centres should adhere to pre and post centre and qualification approval.

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

The **centre homepage** section of the City & Guilds website also contains useful information on such things as:

- **Walled Garden:** how to register and certificate candidates on line
- **Qualifications and Credit Framework:** general guidance about how qualifications will change, as well as information on the IT systems needed and FAQs
- **Events:** dates and information on the latest Centre events
- **Online assessment:** how to register for e-assessments.

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

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