

CITY & GUILDS NPTC LEVEL 2 AWARD IN THE CARE OF GROWING PIGS



QUALIFICATION GUIDANCE

Independently Assessed

Essential Qualification Information

Not to be used by the Candidate during Assessment

You will require some of this information to accurately complete the Record of Assessment (ROA)

Qualification Group No	0 1 4 1	Livestock
Qualification Programme No	0 1 4 1 - 1 7	L2 Award in The Care of Growing Pigs
Unit(s)	2 0 4	The care of growing pigs
Learning Time (LT)	2 0 4	LT 40 hrs (* see note on page 2)
Recommended Assessment Duration		1.5 – 3 hours per Candidate

City and Guilds Level 2 Award in The Care of Growing Pigs Qualification Guidance

Introduction

The scheme will be administered by City & Guilds

City & Guilds will:

- Publish
 - Scheme regulations
 - Qualification guidance
 - Training materials
 - Trainers support materials
- Approve centres to co-ordinate and administer the scheme
- Set standards for the training of Verifiers and Assessors
- Recruit, train and deploy Verifiers
- Issue certificates to successful Candidates

The Qualification

The qualification will be awarded to Candidates who achieve the required level of competence in the units to which their certificate relates.

Instruction

Attendance at a course of instruction is not a pre-requisite for an application for an assessment but potential Candidates are strongly advised to ensure that they are up to the standards that will be expected of them when they are assessed.

* Learning Time (LT)

Learning Time (LT) is a better indicator of the time requirement needed for a candidate to achieve competence in this qualification. It has replaced Guided Learning Hours (GLH) which are defined as “*tutor or teacher led hours*”. LT is defined as “**a notional measure of the learning time a typical learner might be expected to take to complete and achieve all learning outcomes**”. It takes into account prior learning and encompasses: formal learning (including classes, tutorials, on line tuition), coaching and mentoring, practical work, relevant IT activity, information retrieval, expected private study and revision, work-based activity which leads to assessment, practice to achieve competence, formative assessment, programme planning and feedback.

Access to Assessment

Assessment centres will be responsible for arranging assessment on behalf of the Candidate.

The minimum age limit for Candidates taking Certificates of Competence is 16 years. There is no upper age limit.

The assessment is **one** Mandatory unit:

Unit 204	The care of growing pigs
	Outcomes
	1. Know the accommodation requirements for growing pigs (Criteria 1.1 – 1.3)
	2. Be able to carry out daily inspections (Criteria 2.1 – 2.1)
	3. Know the feeding requirements for growing pigs (Criteria 3.1 – 3.1)
	4. Know how to manage the environment (Criteria 4.1 – 4.1)
	5. Be able to select pigs for sale (Criteria 5.1 – 5.2)

Candidates must successfully achieve **all** assessment activities in the above unit.

Quality Assurance

Verification is a process of monitoring assessment; it is an essential check to confirm that the assessment procedures are being carried out in the way City & Guilds has laid down. The overall aim of verification is to establish a system of quality assurance that is acceptable in terms of both credibility and cost effectiveness.

Approved Assessors will be subject to a regular visit by the verifier at a time when assessments are being undertaken.

A selection of assessment reports completed by the Assessor will be evaluated by a City & Guilds approved verifier.

Compliance with the verification requirements is a pre-requisite for Assessors remaining on the list of approved Assessors.

After assessment has been completed the Qualification Guidance is to be forwarded to the centre and retained by the centre until after the annual centre visit has taken place by a Quality Systems Consultant (QSC).

Performance Evaluation

The result of each assessment activity is evaluated against the following criteria:

- M =** Met Meets or exceeds the assessment criteria by displaying a level of practical performance and/or underpinning knowledge. If the Criterion has been MET, a tick is to be put in the box provided in the bottom right-hand column of each section.
- NM =** Not Met Does not satisfy the requirements of the assessment criteria, being unable to perform the practical task satisfactorily or safely or being deficient in underpinning knowledge. If the Criterion is NOT MET, a cross is to be put in the box provided in the bottom right-hand column of each section.

Appeals and Equal opportunities

Centres must have their own auditable, appeals procedures. If a Candidate is not satisfied with the examination conditions or a Candidate feels the opportunity for examination is being denied, the Centre Manager should, in the first instance, address the problem. If, however the problem cannot be resolved, City & Guilds will arbitrate and an external verifier may be approached to offer independent advice. All appeals must be clearly documented by the Centre Manager and made available to the external verifier or City & Guilds if advice is required.

Should occasions arise when centres are not satisfied with any aspect of the external verification process, they should contact Verification Services at City & Guilds.

Access to the qualification is open to all, irrespective of gender, race, creed, age or special needs. Subject to H&S restrictions the Centre Manager should ensure that no learner is subjected to unfair discrimination on any grounds in relation to access to assessment and to the fairness of the assessment. QCA requires City & Guilds to monitor centres to check whether equal opportunities policies are being adhered to.

Validation of Equipment

A Manufacturer's instruction book or other operator's manual should be available for the Candidate to use during the assessment if required.

All equipment being used for this assessment must comply with the relevant requirements of the Provision and Use of Work Equipment Regulations (PUWER) 1998.

Vehicles must comply with department of Transport and road Traffic acts where relevant.

Any appropriate item of machinery complying with current legal requirements is acceptable for the assessment, provided it is suitably equipped for **all** assessment activities to be carried out.

Safe Practice

Appropriate Personal Protective Equipment (PPE) must be worn at all times.

The Assessor must ensure that a site specific risk assessment is carried out.

All equipment must be operated in such a way that the Candidate, Assessor, other persons, or other equipment are not endangered.

All ancillary equipment, when detached, must be safely parked.

Failure to operate safely and comply with these requirements will result in the Candidate not meeting the required standard.

Warning signs stating that an assessment is in progress should be available.

The Assessor may stop the assessment on the grounds of safety at any time at his/her discretion.

Before any assessments take place, Assessor & Candidate should to be aware of any local or national issues to prevent breach of security, safety and any cross contamination or damage to the local environment.

A breach of Health and Safety that puts any person at risk during the assessment process will result in the assessment being terminated and the Candidate not meeting the required standard.

Additional Information

May be sought from the relevant manufacturer's operator manuals or any other appropriate training or safety publication e.g. **Code of Recommendations for the Welfare of Livestock**.

Questions should be related to the background or employment aspirations of the candidate.

Candidates who undertake this assessment and have met the requirements are reminded of their legal obligation to receive/undertake appropriate additional training in the use of any equipment that differs from that used during the assessment, but which they are nevertheless qualified to use.

Assessment Guidance for the Assessor

This qualification can only be assessed by an Assessor who is suitably qualified and meets the requirements of the awarding body. The Assessor must be independent **and cannot have been involved with the training of the Candidate**. Please see City & Guilds Centre Manual for guidance.

The Candidate is to be notified of the place and time of assessment and when formal assessment commences and ceases. Assessors are reminded that assessment is a formal process and that assessment must be carried out using this Qualification Guidance. All relevant assessment criteria must be assessed against the criterion as specified in the Qualification Guidance. Assessment will be carried out by direct observation and by oral questioning of the Candidate. **Where a specific number of responses are required these may include other suitable answers not specified if they are deemed to be correct by the Assessor.** The performance of the Candidate is to be recorded on the Qualification Guidance as directed by completing the tick boxes. Space has been provided on the Qualification Guidance for the person assessing to record relevant information which can be utilised to provide feedback to the Candidate. After assessment has been completed the Qualification Guidance document is to be retained by the assessor and provided if required by a Quality Systems consultant (QSC).

Assessment Guidance for Candidate

A list of registered assessment centres is available from City & Guilds NPTC. (www.nptc.org.uk)

Assessment is a process by which it is confirmed that the candidate is competent in the unit(s) within the award to which the assessment relates. It is the process of collecting evidence about his/her capabilities and judging whether that evidence is sufficient to attribute competence.

The Candidate must be registered through the City & Guilds approved assessment centre for this qualification prior to the assessment.

The results of the assessment will be recorded on the Record of Assessment form (ROA).

Assessment Guidance for Candidate continued

The qualification guidance contains criteria relating to:

- Observation of practical performance
- Assessment of underpinning knowledge

Animal Welfare

Throughout this assessment a high emphasis is placed on animal welfare, which will underpin the whole of this qualification.

The “Five Freedoms” and their interpretation by the RSPCA appear as below.

During their assessment, candidates are reminded that they should carry out all the activities to comply with the animal welfare codes.

The Five Freedoms

The ‘Five Freedoms’ as defined by the Farm Animal Welfare Council, define ideal states, but provide a comprehensive framework for animal welfare on farm, in transit and at the place of slaughter.

They are:

- **Freedom from fear and distress**
- **Freedom from pain, injury and disease**
- **Freedom from hunger and thirst**
- **Freedom from discomfort**
- **Freedom to express normal behaviour**

What the Five Freedoms mean:-

FREEDOM from fear and distress by providing conditions and care, whether on farm, in transit or at the abattoir, which avoid mental suffering. For instance, staff involved in handling livestock need to be aware of the welfare problems associated with animal handling and understand the behaviour characteristics and likely reactions of the species in question, so that potentially stressful events such as loading/unloading and moving animals can be carried out quietly and calmly.

FREEDOM from pain, injury and disease by prevention or rapid diagnosis and treatment. The design of accommodation for farm animals should be such that a high or regular occurrence of injury and disease as the consequence of poorly designed facilities is avoided. Stock-keepers should be sufficiently skilled and alert to detect incidents of injury and disease early, to act appropriately to reduce or avoid them in future.

FREEDOM from hunger and thirst by providing ready access to fresh water and a diet to maintain full health and vigour. Feed must be satisfying, appropriate for the species/age of animal and safe. Other measures (such as minimizing bullying and competition at feed time by ensuring appropriate placement and numbers of feeders/drinkers) should also be employed to achieve this ‘freedom’.

FREEDOM from discomfort by providing an appropriate environment including shelter and a comfortable resting area. The provision of a safe, clean, dry bedded lying area helps to achieve this and space allowances should ensure that all animals have adequate space to lie comfortably, groom themselves, get up and get down easily without injuring themselves or others. The design of flooring and unbedded areas along with drainage and manure handling, should be such that they do not result in injuries or diseases of the feet.

FREEDOM to express normal behaviour by providing sufficient space, proper facilities and company of the animals’ own kind. The proven needs of different species of animals must be met. For example, the provision of straw bedding or other material for manipulation for pigs, can not only provide a comfortable lying place, but also enriches a potentially barren environment by providing an opportunity for pigs to satisfy their strong instinct for exploration, rooting behaviour and play. Allowing expression of natural behaviour helps to reduce the occurrence of unnatural, potentially harmful behaviours and improves mental well-being.

Published by
City & Guilds
Building 500
Abbey Park
Stareton
Warwickshire
CV8 2LY

T +44 (0)24 7685 7300
F +44 (0)24 7669 6128

www.nptc.org.uk

e-mail: information@cityandguilds.com

City & Guilds is a registered charity established to promote education and training

Candidate A	Name:	Date:	Start Time:	Duration:
Candidate B	Name:	Date:	Start Time:	Duration:
Candidate C	Name:	Date:	Start Time:	Duration:
Candidate D	Name:	Date:	Start Time:	Duration:

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE			
				A	B	C	D
Unit 204 1.1	Know the accommodation requirements for growing pigs	<p>Candidate to state five requirements for growing accommodation</p> <p>Candidate is required to calculate the stocking rate for growing pigs</p> <p>Code of Recommendations for the Welfare of Livestock - Pigs, to be available</p> <p>Candidate to state three benefits of correct stocking densities</p> <p>State the pen temperature for growing pigs</p>	<p>May include:</p> <ul style="list-style-type: none"> implementation of "all in, all out" policy disinfected between batches for disease control sufficient room for the number and size of animals (stocking rate) condition of floor condition of equipment adequate amount of feed adequate clean water supply (max 15 growers per drinker) ability to control the environment board for temporary record <p>Method:</p> <ul style="list-style-type: none"> measure length and width of pen multiply together gives area divide by area required per pig gives stocking rate for that pen <p>May include:</p> <ul style="list-style-type: none"> reduced aggression/calmer animals allows for optimum food intake even growth rates environment easier to control <p>Correct temperature range for pig:</p> <ul style="list-style-type: none"> finishing at pork weight t 15 - 21 °C finishing at bacon 13 - 18 °C <p style="text-align: right;">Met ✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 1.2	Describe how to prepare growing pig accommodation	<p>Candidate to describe how the accommodation is prepared between batches of pigs</p> <p>Candidate to calculate the water flow rate for a pen of growing pigs</p> <p>Code of Recommendations for the Welfare of Livestock - Pigs to be available</p>	<p>May include the following:</p> <ul style="list-style-type: none"> prepare equipment prepare house as per risk assessment removable equipment dismantled soaked and cleaned remove dust and dirt soak walls and floor wash entire house protect insulation and electrics carry out maintenance as required disinfect return cleaning equipment to store heaters and ventilation equipment checked drain and clean header tank feeders and drinkers checked drinkers at correct height check correct temperature at pig height ensure house is dry before re-stocking <p>Candidate to:</p> <ul style="list-style-type: none"> measure the flow in litres per minute from drinker state quantity of water required for size of pig state quantity of water required for number of pigs suggest a suitability of flow rate 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Continued							

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE			
				A	B	C	D
Cont.... Unit 204 1.2			Information <ul style="list-style-type: none"> Finishing pigs up to 100kg daily requirement is 5-6 litres of water per pig, per day which requires a flow rate of 1 - 1.5 litres a nozzle <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 1.3	Carry out a check to establish the suitability of accommodation for growing pigs	The candidate is to check accommodation for its suitability to house a given size and number of pigs	May include: <ul style="list-style-type: none"> floor area water supply feeding arrangements lying area temperature flooring environment cleanliness maintenance pen divisions <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 2.1	Carry out a daily inspection of a group of at least ten pigs	Candidate to state frequency of inspection Candidate required to describe to the assessor what they are looking for as they carry out the inspection. (As applicable to the stock being inspected) Candidate to state action to take if there is an injured or sick animal	To include: <ul style="list-style-type: none"> identify the group of pigs to be inspected move and observe all animals <p>Must be:</p> <ul style="list-style-type: none"> at least daily <p>Check that:</p> <ul style="list-style-type: none"> water supply is clean and functioning appropriate water flow rate absence of water leaks feed supply is adequate hoppers/troughs are clean the enclosure is safe and secure bedding is clean and dry correct number of animals are present animals are not showing physical signs of abnormal behaviour animals are not ill or injured check that adequate drinking opportunity exists (trough lengths or number of drinking points) comment on environment <p>May include:</p> <ul style="list-style-type: none"> isolate the animal according to animal health plan treat with antibiotic inform supervisor/manager monitor the animal contact Veterinary Surgeon humanely destroy the animal <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 3.1 Continued	Describe the feeding systems and regimes for growing pigs	Candidate to describe how the feeding systems impacts on the animals Candidate to describe how growing pigs are fed and the benefits of a good feeding regime	May include: <ul style="list-style-type: none"> suitability for type of pig pen shape and layout number of pigs in the group weight/size of the pigs feeding regime / feed trough space <p>Growing pigs may be fed, are fed adlib, bulk or wet feed to appetite in order to maximise growth potential. This ensures:</p> <ul style="list-style-type: none"> good body condition even growth rates (from 50kg and above should be grown at 800 - 1000g per day) stress is reduced and animals are not looking for feed/water, not vocal and are not aggressive 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CRITERIA NUMBER	ASSESSMENT CRITERIA	ASSESSOR GUIDANCE	ASSESSMENT ACTIVITIES	CANDIDATE			
				A	B	C	D
Cont.... Unit 204 3.1		Candidate to state ten factors which could influence the amount of food eaten	<p>May include:</p> <ul style="list-style-type: none"> palatability of feed feed should be suitable for stage of growth time of year health of pigs size/age of pig pen temperature pen environment genetic make up availability of water stocking rate early detection and treatment of problems faulty/blocked equipment e.g. feeders pig feed intakes may be depressed by a high density diet <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 4.1	State how to check and alter the environment	<p>Candidate to state five checks to ensuring house temperature is correct in a building with controlled environment</p> <p>Or: Candidate to state four ways of checking temperature in a naturally ventilated house</p>	<p>May include:</p> <ul style="list-style-type: none"> check actual temperature at pig level check humidity level check for blocked/inefficient fans check vents are clean check pigs behaviour/vices (pig may foul lying areas if too hot) pigs lie in correct area/pattern feed intakes are as expected <p>May include:</p> <ul style="list-style-type: none"> frequently check actual temperature at pig level adjust vents and flaps adjust doors cover Yorkshire boarding when cold adjust amount of bedding provided add large bales adjust stocking rate <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 5.1	Provide information that will assist in the planning & organisation of pig sales	Candidate is required to use and provide information which may influence the selection of pigs for sale	<p>May include:</p> <ul style="list-style-type: none"> use recorded data state required weight ranges for sales from unit can weigh or accurately estimate live weight of pigs in order to predict when pigs will be ready for sale can monitor growth performance to predict when pigs will be ready for sale can accurately identify any pigs that have received medication that might influence whether they may be sold identification of diseased/injured pigs can calculate/estimate live weight to deadweight weight conversions <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 204 5.2	Demonstrate how to weigh pigs using the correct procedure	The candidate is required to weigh a minimum of three pigs	<p>To include:</p> <ul style="list-style-type: none"> identify correct animals to be weighed check the calibration of the scales move scales to required location check that scales are safe to use position and set up the scales weigh the pigs record the weights mark pigs (if appropriate) clean and store the scales after use <p style="text-align: right;">Met✓ Not Met X</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Summary of Assessment (The Assessor is to complete the following as appropriate)

Candidate A	Candidate has met all of the assessment criteria	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>
	Signed:		Date:	

Candidate B	Candidate has met all of the assessment criteria	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>
	Signed:		Date:	

Candidate C	Candidate has met all of the assessment criteria	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>
	Signed:		Date:	

Candidate D	Candidate has met all of the assessment criteria	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>	The Candidate has not met all of the assessment criteria; (state reason(s))	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>
	Signed:		Date:	

For use by Internal Verifier ONLY if the assessment process was internally verified
(Internal Verifier to complete ONE of the boxes below)

I observed an assessment process taking place and I am satisfied that the assessment was conducted in line with the qualification requirements and that the judgement of the Assessor was appropriate.	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>
I observed an assessment process taking place. The following were noted as areas of concern.	Tick <input checked="" type="checkbox"/> <input type="checkbox"/>
Signed:	
Date:	