



# Global Animal Partnership's 5-Step® Animal Welfare Rating Standards for Pigs v2.0

## About the 5-Step® Animal Welfare Rating Program

The 5-Step® Animal Welfare Rating program assesses the welfare of animals on-farm, during transport, at collection points and at slaughter.

Through its very design as a multi-tiered program, the 5-Step® Program promotes continuous improvement in animal agriculture; engages a broad spectrum of producers; allows for wider product selection for greater consumer options; provides more detailed information about the level of welfare of farm animals; and better informs consumers about the production systems they may choose to support.

Each set of tiered standards—from Step 1 to Step 5+—has its own requirements, which must be met before certification to that particular Step level can be assigned. As the standard-setter, Global Animal Partnership does not conduct audits nor make Step-rating certification decisions. Authorized, third-party certification companies perform the audits and issue Step certificates, as appropriate. As such, producers, consumers, and retailers alike can be confident that Step ratings are fair, accurate, and free from conflicts of interest.

## About the 5-Step® Animal Welfare Rating Standards for Pigs

This version of the 5-Step® Animal Welfare Rating Standards for Pigs was issued on December 5, 2014, replaces all previous versions, and is effective June 5, 2015. Any operations audited on or after June 5, 2015, including those undergoing re-certification, will be audited to this version. The six-month implementation period from issue date to effective date enables producers, both new to the 5-Step® program and those renewing certification, time to adjust their management practices and protocols as necessary. The development process of this document included guidance from animal welfare scientific experts, producers, public comments, and review and approval by the Global Animal Partnership Board of Directors.







## About Global Animal Partnership

Global Animal Partnership, a nonprofit charitable organization founded in 2008, brings together farmers, scientists, ranchers, retailers, and animal advocates—a diverse group with the common goal of seeking to improve the welfare of animals in agriculture.

For more information, contact us at [info@globalanimalpartnership.org](mailto:info@globalanimalpartnership.org) or 877.427.5783 (+1.202.540.9880 if calling from outside the United States).

## Program Overview

Pigs raised in Step 1 systems typically live in a permanent housing structure and are provided the space to express natural behavior. In Step 2, they live in an enriched indoor environment. Pigs in Step 3 systems have access to the outdoors. In Step 4, they live continuously on pasture, with access to housing. In Step 5 and Step 5+, pigs live continuously outdoors on pasture and may only be housed during extreme weather conditions. At Step 5+, pigs spend their lives on a single farm, and are processed at a mobile or on-farm slaughter facility.

Step Level	Marketing Claims	Description of System	Management Highlights
	No crates, no crowding	Pigs in Step 1 systems live in a permanent housing structure and are provided the space to express natural behavior.	No farrowing or gestation crates/stalls, and no tail docking or teeth clipping are allowed at this Step level or any other Step level. Castration of piglets must occur before 10 days of age. Pigs must have space to move about freely and must have bedding at all times.
	Enriched environment	Pigs in Step 2 systems live in an enriched indoor environment.	Environmental enrichments are materials that are provided to pigs to add complexity to their environment, encourage the expression of natural behavior(s) (such as rooting, exploration and play behavior), and decrease the expression of abnormal and deleterious behaviors such as tail biting.
	Enhanced outdoor access	Pigs in Step 3 systems have access to the outdoors.	Pigs must have continuous unobstructed access to the outdoors during daylight hours. Outdoor access is defined as an outdoor area such as a dry lot, concrete pad, or pasture, but does not have to be pasture. Enrichments are provided in both the indoor and outdoor areas.
	Pasture centered	Pigs in Step 4 systems live continuously on pasture; during winter pigs may be housed with continuous access to the outdoors.	Pigs live continuously on pasture with access to shelter. Pasture includes access to rangeland, grassland, planted pastures, managed pastures, wooded areas, harvested crop areas (for clean-up), and any other land where pigs have access to vegetation.
	Animal centered; no physical alterations	Pigs in Step 5 systems live continuously on pasture and may only be housed during extreme weather conditions.	Pigs live continuously on pasture with access to shelter. In addition to no tail docking and teeth clipping which is prohibited at Step 1, pigs at Step 5 are not allowed to be castrated, nose-ringed or ear notched.
	Animal centered; entire life on same farm	Pigs in Step 5+ systems live continuously on pasture and may only be housed during extreme weather conditions.	Pigs spend their entire lives on a single farm, and are processed at a mobile or on-farm slaughter facility.

## How to Read these Standards

Standards applicable to a Step level are designated with a • symbol in the corresponding Step column. The ⓘ indicates the standard is considered a major non-conformance (see Non-conformances section below for more details).

In the example below, the standard is required for each Step level, Step 1 through Step 5+:

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>2.3 Handling</b>							
2.3.1 ⓘ	Pigs must not be mistreated. Mistreatment includes, but is not limited to rough physical contact, throwing, kicking, hitting, and dragging by any part of their body.	•	•	•	•	•	•

In this example, the standard is required only for Step 3:

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>5.3 Environmental Enrichments</b>							
5.3.1 ⓘ	Environmental enrichments must be provided/or made available daily in outdoor areas (in addition to enrichments provided in housing).			•			

The ⓘ symbol prefaces additional information provided to aid in the understanding of the standard:

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>1.4 On-Farm Euthanasia</b>							
1.4.1	All on-farm euthanasia must be performed by a veterinarian or other trained person(s).	•	•	•	•	•	•
	ⓘ [1.4.1]: Producers will not be required to demonstrate the ability to euthanize an animal in order to show compliance with this standard.						

## Program Requirements

The following applies to each operation applying for certification to Global Animal Partnership's 5-Step® Animal Welfare Rating program for pigs.

### 1. General

- a. The standards in this document are requirements.
- b. The term "operation" is defined as either (i) a single farm of single (e.g. farrowing only) or multiple stages of production (e.g. farrow to finish), or (ii) a single farm of single or multiple stages of production with more than one location that meets all of the following criteria (see 3. Audit and Certification below for further details):
  - i. all staff and animals are under the direct supervision of the farm;
  - ii. the farm owns all of the animals; and
  - iii. the farm owns, rents or leases, all the locations where the animals are raised.
- c. In order to achieve certification to a particular Step rating, the operation must meet all applicable standards. For example, all standards specified for Step 3 must be met in order to become certified to Step 3.
- d. Certification is for a 15-month period, which allows for animals and operations to be assessed during each season over a 5 year period.
- e. Each operation must follow a chain of custody program that is also maintained by the processor and any further processor. The chain of custody program can be developed and implemented by an affiliated group (i.e. a producer group, co-operative, marketing entity) or created with the aid of external consultation.
- f. The Pilot GAP Policy Manual v1.0 is a companion document to the standards, and details additional requirements and terms of certification beyond that which is included in the standards (see [www.globalanimalpartnership.org/the-5-step-program/our-standards/](http://www.globalanimalpartnership.org/the-5-step-program/our-standards/)).
- g. No standard in this document supersedes governmental regulations or laws, whether local, regional, state, provincial, territorial, federal, national, or other.

### 2. Applications

- a. Each operation is required to complete a 5-Step® application for each certification cycle.
- b. Each operation must identify all sites (either owned, leased, and/or shared) used to raise animals by the operation on their 5-Step® application.
- c. Applications, as well as this document, can be downloaded at [www.globalanimalpartnership.org/the-5-step-program/our-standards/](http://www.globalanimalpartnership.org/the-5-step-program/our-standards/) or by contacting your certifier.

### 3. Audit and Certification

- a. Each operation must be audited once every certification cycle. A certification cycle is 15 months. Operations must have pigs on the ground in order to be audited.
  - i. If the operation has multiple locations, each location that raises a different stage of production will need to be inspected as part of the certification process.
    - For example, Farm A's home farm is a farrowing operation with 1 finishing location 5 miles away. The finishing location is under direct supervision by the home farm, and animals and property of this second location are owned by Farm A. In this example, the farm is

considered one operation, requiring one audit but both sites still need to be observed because they each raise a different stage of production.

- However, if a farrowing operation sends weaners to a separate finishing operation (owned by others), these would be considered two separate operations and would require two on-site audits.
- ii. If multiple locations raise the same stage of production, then 50% of the locations will need to be inspected as part of the certification process.
  - For example, Farm B has a farrowing location and 5 finishing locations. All sites and staff are under direct supervision by the home farm, and animals, and location properties are all leased by Farm B. In this example, the farm is considered one operation, the farrowing site and 3 finishing sites (50%) would need to be observed as part of a single audit. At re-certification, the home farm would need to be audited, plus 50% of the sites - making sure that the other locations not observed at the previous audit are part of the renewal audit.
- b. If pigs are to be marketed as Step-rated and not raised on a single operation and different stages of production are conducted by different operations, each operation must submit a completed 5-Step® application and be audited and certified prior to marketing any product as Step-rated.
- c. Any operation(s) utilizing a collection point/assembly yard, needs to have the location audited and approved by the certifier at least once every 15 months and prior to the final certification for the operation being issued, even if they are controlled or arranged by a producer group, marketing entity, processing plant or subsequent buyer of the animals, and not the operation. The collection point/assembly yard will not be issued a Step-rating, but rather a 'GAP Certified' certificate.
- d. Step-wise differentiation cannot be awarded on the basis of sex. For example, female pigs cannot be awarded a Step 5 rating and male pigs a Step 4 rating simply because the males are castrated.
- e. If a standard has not been met for all animals on the operation at the time of audit, a Step-rating will not be assigned until evidence is provided confirming that the standard has been met.
- f. For any standard that is differentiated for the various Step levels (such as weaning method, castration age, mortality, etc.), any operation found to have a non-conformance at re-certification will be downgraded to a lower Step-rating. The certifier has the discretion to issue a non-conformance in place of a downgrade, if and only if, the operation can show reasonable efforts to achieve the level specified in the standard.
- g. If in a particular situation or circumstance, a standard as written might compromise the welfare of the animals in the producer's care, the producer should contact the Global Animal Partnership-approved certifier with which they are working to discuss an action plan.

#### 4. Non-conformances

- a. If an operation fails to meet a standard, it will be considered a non-conformance. There are three categories of non-conformance: minor, major and critical.

In the example below, the M indicates that failure to meet the standard would be considered a major non-conformance. If at recertification, this standard is still not in compliance, then it would be considered a critical non-conformance and the operation would be denied certification (see GAP's Pilot Policy Manual v1.0 for further information).

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>Handling</b>							
2.3.1 <span style="color: red;">M</span>	Pigs must not be mistreated. Mistreatment includes, but is not limited to rough physical contact, throwing, kicking, hitting, and dragging by any part of their body.	•	•	•	•	•	•

In the example below, failure to meet the standard would be considered a minor non-conformance.

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>Hazard Management</b>							
2.13.2	Pigs must not come into contact with any potentially toxic substances, such as those used for maintenance, sanitation, cleaning, and/or pest control.	•	•	•	•	•	•

- b. If an operation is issued a non-conformance, it needs to be addressed by the operation before a certificate is issued (see GAP's Pilot Policy Manual v1.0).
- c. If an operation receives a repeat non-conformance at the time of the next audit – the designation of minor, major and critical impacts the certification (see Repeat Non-conformances in GAP's Pilot Policy Manual v1.0).

## 5. Step Ratings

- a. Each Step level—Step 1 through Step 5+—has its own requirements that must be met to be certified to that level. If an operation, for example, meets some but not all Step 2 (or higher) requirements but 100% of the requirements for Step 1, the 5-Step® certification will be for Step 1.
- b. Step-rating certification information (see Standards 9.8.1-9.8.5) must travel with pigs whenever they are being moved off of the operation. This includes pigs being transported from one operation to another or from an operation to a slaughter plant.
- c. Any non-conformances that occur with breeding animals may affect the final Step-rating of their offspring. If individual offspring cannot be identified, the entire group of market animals from those breeding animals may drop or lose Step-rating.
- d. For pigs, the following standards cover breeding stock and continue through finishing (i.e. breeding and the entire life of the animal). All locations must carry the same Step-rating, or the lowest Step-rating is applied to the marketed product. As well, all operations need to be audited (i.e. all stages or production) prior to marketing product as Step-rated. For example, 10 farms owned by different operators raise pigs marketed under a single name. Of those 10 farms, 3 farms are certified to Step 1 (farrowing only farms), 2 farms to Step 2 (weaner only farms), 3 farms to Step 3 (finisher only farms), and 2 farms to Step 3 (farrow to finish farms). Because pigs in this system move to different operations and operations have different Step levels, all products from all 10 operations would be marketed as Step 1.
- e. If an operation raises both Step-rated pigs and non-Step-rated pigs on the same site (i.e. a split operation), a strict segregation protocol must be in place and approved by the certifier prior to a 5-Step® certification decision being issued. The segregation protocol must include all of the following components (See Policy Manual section 6):
  - i. A written policy describing how Step-rated animals are segregated from non-Step-rated animals; AND
  - ii. Must be physically separated; OR
  - iii. Identified using a method that allows for instant visual identification (e.g. a coloured tag where one color is used for program animals, and another color if used for non-program animals).
- f. As outlined in the Pilot GAP Policy Manual v 1.0 (Section 6. Certificates), split operations will not be certified if the operation uses crates on the non-Step rated pigs.
- g. The 5-Step® certificate for a split operation will not be issued to the operation as a whole. Rather, it will specify the certified Step-rated portion of the split operation.


## TABLE OF CONTENTS




<b>ANIMAL SOURCE AND HEALTH</b>					
Source / Breed	8	Flooring	20	<b>COLLECTION POINTS/ASSEMBLY YARDS</b>	
Medication	8	Air Quality	20	Certification	31
Treatment	9	Lighting	20	Employees	31
On-Farm Euthanasia	10	Space Requirements for Market Pigs	21	Condition of Animals	32
		Space Requirements for Boars	21	Feed and Water	32
		Space Requirements for Farrowing Sows	22	Shelter	32
<b>ANIMAL CARE AND MANAGEMENT</b>		Additional Provisions for Farrowing Sows	22	Handling	32
Daily Herd Management	12	Space Requirements for Gestating Sows	23	Loading/Unloading	33
Body Condition	12	Environmental Enrichments	23	Records	33
Handling	12				
Castration and Spaying	13	<b>OUTDOOR ACCESS AND PASTURE</b>		<b>PLANS, PROTOCOLS, PROCEDURES, TRAINING, RECORDS AND TRACEABILITY</b>	
De-tusking and Trimming	13	Outdoor Space Requirements	25	Written Farm Plan	34
Tail Docking	13	Pasture Conditions	25	Biosecurity Procedures and Protocols	35
Teeth Clipping	14	Environmental Enrichments	25	Back-up/alternative power supply	35
Nose Ringing	14	Housing Systems	26	Training	35
Animal Identification	14	Outdoor and/or Pasture Access	26	Other Commercial Animals	36
Group Management	15	Removal from Pasture Areas	26	Domestic Animals on the Operation	36
Thermal Comfort	15			General Records Requirement	36
Crates, Stalls and Tethers	15	<b>RODENT AND PREDATOR CONTROL</b>		Traceability and Chain of Custody	36
Hazard Management	15	Rodent Control	27		
Mortality	16	Predator Control	27		
Lameness	16			<b>SLAUGHTER REQUIREMENTS</b>	
Weaning Age	17	<b>TRANSPORT</b>		General Requirements	38
		Water and Feed Withdrawal	28	Segregation and In-Plant Traceability	38
<b>FEED AND WATER</b>		Condition of Pigs	28		
Water Availability	18	Loading/Unloading	28	<b>Appendix I: Body Condition Scoring</b>	39
Feeding Requirements	18	Transport and Loading Equipment	28	<b>Appendix II: Lameness Scoring</b>	40
Feed Hygiene	18	Transport Personnel Responsibilities	30	<b>Appendix III: Lesion Scoring</b>	41
Additives & Ingredients in Feed/Water	19	Transport Duration	30	<b>Appendix IV: Tail Lesion Scoring</b>	43
		Transport Records	30	<b>Appendix V: Air Quality Evaluation</b>	44
<b>HOUSING</b>		Sale/Auction Barns	30	<b>GLOSSARY</b>	45
Bedding	20				

# 1 ANIMAL SOURCE AND HEALTH

STANDARD		Step Level					
		1	2	3	4	5	5+
1.1 Source / Breed							
1.1.1	Operations must not use genetically modified or cloned pigs, their progeny, or semen.	•	•	•	•	•	•
1.1.2	Natural breeding and artificial insemination (AI) are the only breeding methods permitted.	•	•	•	•	•	•
1.1.3	Selection criteria for breeding stock must include the following traits: a. leg health; b. mothering ability; c. ability to sustain a lactation without losing excessive condition; d. litter size the sow can support.	•	•	•	•	•	•
	①[1.1.3]: This standard will be evaluated in part by assessing lameness levels, mortality, body condition of sows, pre-weaning and post-weaning mortality. The operation will also be assessed at the herd level for instances of hernias and overall condition of breeding and market stock (see Standards 1.3.6; 2.2.1; 2.14.1-2.14.7; and 2.15.1-2.15.7).						
	①[1.1.3]: GAP encourages selection of breeding stock from farms with similar management systems.						
1.1.4	Breeding stock must be selected for hardiness in outdoor systems.			•	•	•	•
	①[1.1.4]: Hardiness in this standard is defined as breeds that can adapt to weather (such as heat, cold, wind and precipitation) and environmental conditions (such as dust, mud, and sunburn).						
1.1.5	Sourcing breeding stock or market animals from sale or auction barns is prohibited.	•	•	•	•	•	•
1.1.6	Sourcing non-GAP certified breeding stock is permitted.	•	•	•	•	•	•
	①[1.1.6]: It is GAP’s intention to require that purchased breeding stock also come from GAP rated operations in the future; however, it is recognized that imposing this requirement would be an impediment to securing appropriate genetics at this time.						
1.2 Medication							
1.2.1	Animals that are given antibiotics, ionophores, beta agonists, sulfa drugs and/or arsenic-based drugs are prohibited from being marketed as Step-rated.	•	•	•	•	•	•
	① [1.2.1]: This standard applies whether given therapeutically or sub-therapeutically.						
	① [1.2.1]: See Standard 1.3.1 for prompt treatment of animals.						
1.2.2	A protocol must be in place to identify and ensure that any animals given antibiotics, ionophores, beta agonists, sulfa drugs and/or arsenic-based drugs are not marketed as Step-rated.	•	•	•	•	•	•
1.2.3	Off-label / extra-label use of medication is prohibited unless prescribed by a veterinarian.	•	•	•	•	•	•



STANDARD		Step Level					
		1	2	3	4	5	5+
<b>1.2 Medication Continued</b>							
1.2.4	Off-label / extra-label medication must be identified with the prescribing veterinarian's label affixed over the manufacturer's label and detail the prescribed method of usage, duration of administration, and withholding time, if any.	•	•	•	•	•	•
1.2.5	Expired medication is prohibited.	•	•	•	•	•	•
<b>1.3 Treatment</b>							
1.3.1 	Sick or injured pigs must be promptly treated within 24 hours or euthanized according to Standards 1.4.1 to 1.4.9.	•	•	•	•	•	•
	<p>①[1.3.1]: <i>Lame animals fall under the category of sick or injured.</i></p> <p>①[1.3.1]: <i>Treatment can include herbal or homeopathic remedies.</i></p>						
1.3.2	Records must be kept of any treatment (medication, vaccinations, probiotics etc.) to any individual animal or group of animals, including: <ul style="list-style-type: none"> <li>a. individual animal identification (see Standard 1.2.2);</li> <li>b. any substance administered;</li> <li>c. date and method of administration.</li> </ul>	•	•	•	•	•	•
1.3.3	Veterinarian-prescribed treatments must be administered according to veterinarian guidance.	•	•	•	•	•	•
1.3.4	Pigs with a body condition score (BCS) less than (<) 2 must have a feeding plan in place to bring them back into condition (BCS > 2) or euthanized according to Standards 1.4.1 to 1.4.9.	•	•	•	•	•	•
	①[1.3.4]: <i>See Appendix I for body condition scoring.</i>						
1.3.5	Any area designated for sick or injured animals, such as a hospital pen or designated area within an existing pen, must meet the space requirements and housing conditions detailed in the HOUSING section.	•	•	•	•	•	•
	<p>①[1.3.5]: <i>Sick and/or injured pigs may be segregated from healthy animals when necessary, but it is not required if it is in the best interest of the animal to keep it within its original group.</i></p> <p>①[1.3.5]: <i>See Standard 2.10.1 for reintroduction of animals to the group</i></p>						

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>1.3 Treatment Continued</b>							
1.3.6 	Any sick and/or injured animals, including lame animals and animals with hernias larger than a grapefruit (no more than 12 inches/30cm in circumference or 4 inches/10cm in diameter), must not be shipped off-farm as an alternative to treatment. Animals must be treated and have recovered prior to shipping off-farm, or if recovery does not seem likely, then the animal must be promptly euthanized per Standard 1.4.1 to 1.4.9.	•	•	•	•	•	•
	①[1.3.6]: see Appendix II for lameness scoring.						
1.3.7	Operations must have an internal and external parasite control program implemented.	•	•	•	•	•	•
1.3.8	Use of organophosphates, or any product containing organophosphates, is prohibited.	•	•	•	•	•	•
	①[1.3.8]: Organophosphates include wormers such as Atgard as well as malathion or lindane sprays for mange and lice. Acceptable alternatives include amitraz (Taktic) or permethrin (Atroban) as sprays for mange or lice and ivermectins such as Ivomec for worms.						
<b>1.4 On-Farm Euthanasia</b>							
1.4.1	All on-farm euthanasia must be performed by a veterinarian or other trained person(s).	•	•	•	•	•	•
	①[1.4.1]: Producers will not be required to demonstrate the ability to euthanize an animal in order to show compliance with this standard.						
1.4.2 	Any animal needing to be euthanized must be euthanized the same day.	•	•	•	•	•	•
1.4.3	Person(s) conducting euthanasia must attempt to minimize animal distress. If it is necessary to relocate an animal to conduct euthanasia, only ambulatory animals, where movement would not cause distress, discomfort or pain may be relocated.	•	•	•	•	•	•
	①[1.4.3]: Non-ambulatory animals must not be dragged (see Standard 2.3.3). However, the animal may be moved onto a conveyance such as a tarp, sled, or cart and that conveyance may be dragged or moved.						
1.4.4 	Euthanasia technique(s) must cause rapid insensibility and be immediately followed by death.	•	•	•	•	•	•
	①[1.4.4]: Signs of insensibility include limp and floppy head, straight and limp tongue, no natural blinking, no righting reflex (trying to sit up/lift their head), no vocalizations, no rhythmic breathing (ribs moving in and out at least twice), and no response to nose being pinched or pinpricked. The animal must display <b>all</b> signs of insensibility listed above, otherwise the animal can regain consciousness and must be dealt with immediately (from Recommended Animal Handling Guidelines & Audit Guide: A Systematic Approach to Animal Welfare, July 2013).						
1.4.5	The person performing euthanasia must remain with the animal(s) until death is confirmed.	•	•	•	•	•	•
1.4.6	Each operation must keep herd records of all culls, and the reason for culling.	•	•	•	•	•	•
1.4.7	Following death, all euthanized pigs must be removed from housing and/or outdoor areas either immediately; or in the case of a larger animal where equipment is required to move the carcass, no later than the end of the day.	•	•	•	•	•	•
	①[1.4.7]: It is the responsibility of the operation to dispose of dead animals according to local, state, provincial, territorial, and/or federal or national regulations. Removal can include burial, or composting in a designated area that will not put other livestock (such as piglets or weaker animals) at risk.						

STANDARD							Step Level					
							1	2	3	4	5	5+
1.4 On-Farm Euthanasia <i>Continued</i>												
1.4.8	Methods of euthanasia are listed below, where YES indicates an acceptable method and NO indicates an unacceptable method:						•	•	•	•	•	•
	Method	Piglet – up to and including 12 lbs (5.5 kg)	Nursery Pig – 13 - 70 lbs (6 kg- 32 kg)	Grower Pig – 71 - 150 lbs (32 - 68 kg)	Finisher Pigs – greater than 151 lbs (> 68 kg)	Mature animals – sows, replacement gilts, boars, & teaser boars						
	Gunshot	No	Yes	Yes	Yes	Yes						
	Penetrating Captive Bolt	No	Yes	Yes	Yes	Yes						
	Veterinarian Administered Anesthetic Overdose	Yes	Yes	Yes	Yes	Yes						
	Blunt Force Trauma*	Yes*	No	No	No	No						
	Non-Penetrating Captive Bolt <sup>1</sup>	Yes	No	No	No	No						
	<sup>1</sup> only permitted if used to the manufacturer’s specifications											
	With gunshot, penetrating captive bolt, and blunt force trauma, fatigue can be an issue with caretakers, so GAP encourages appropriate staffing and training.											
	* It is GAP’s intention to phase out the use of blunt force trauma.											
Source: Adapted from On-Farm Euthanasia of Swine: Recommendations for the Producer (Pork Checkoff 2008) and Improving Animal Welfare: A Practical Approach (Grandin 2010)												
①[1.4.8]: If an operation plans to use a method of euthanasia not listed above, written approval from Global Animal Partnership must be received prior to use in order to meet this standard.												
1.4.9	Euthanasia equipment must be maintained according to manufacturer’s specifications.						•	•	•	•	•	•

## 2 ANIMAL CARE AND MANAGEMENT

STANDARD		Step Level					
		1	2	3	4	5	5+
2.1 Daily Herd Management							
2.1.1	Pigs must be observed and monitored at least twice daily.	•	•	•	•	•	•
2.1.2	Any dead pigs observed during daily monitoring must be removed from housing and/or outdoor areas either immediately; or in the case of a larger animal where equipment is required to move the carcass, no later than the end of the day.	•	•	•	•	•	•
	ⓘ[2.1.2]: It is the responsibility of the operation to dispose of dead animals according to local, state, provincial, territorial, and/or federal or national regulations. Removal can include burial, or composting in a designated area that will not put other livestock (such as piglets or weaker animals) at risk.						
2.2 Body Condition							
ⓘSee Appendix I for body condition scoring scale.							
2.2.1	All pigs must have an overall body condition score (BCS) of 2 or higher.	•	•	•	•	•	•
	ⓘ[2.2.1]: See Standard 1.3.4 for details on animals that fall below BCS 2.						
2.3 Handling							
2.3.1 ⓘ	Pigs must not be mistreated. Mistreatment includes, but is not limited to rough physical contact, throwing, kicking, hitting, and dragging by any part of their body.	•	•	•	•	•	•
2.3.2	Pigs must always be handled calmly.	•	•	•	•	•	•
2.3.3 ⓘ	Dragging of non-ambulatory animals is prohibited.	•	•	•	•	•	•
2.3.4 ⓘ	The use of electric prods is prohibited.	•	•	•	•	•	•
	ⓘ[2.3.4]: Electric prods may only be used if there is an imminent risk of injury to the animal or handler. The prod must not be routinely carried by the handler. If it is necessary, only the muscles of the pig’s hindquarters are permitted to be touched with the prod.						
2.3.5	Only low stress handling aids may be used when moving pigs (such as nylon flags, sorting boards, rattle/shaker paddles).	•	•	•	•	•	•
2.3.6	Pigs must not be restrained for longer than the time necessary to complete a treatment or routine procedure.	•	•	•	•	•	•
	ⓘ[2.3.6]: Restraint methods can include using a chute or partitioning the individual off using a barrier (such as a gate) but nose-snaring (per the manufacturer’s instructions) should only be used as a last resort. Sows can be restrained while handling their piglets if there is a perceived risk to animal caretakers; however, this does not include restraint during farrowing.						


STANDARD		Step Level					
		1	2	3	4	5	5+
<b>2.4 Castration and Spaying</b>							
① <i>Castration is known to cause pain and discomfort, and operations are strongly encouraged to administer, at a minimum, local anesthetic and post-operative analgesia.</i>							
2.4.1	<p>If piglets are to be castrated, the procedure must be completed on or before 10 days of age.</p> <p>①[2.4.1]: <i>Castration age is calculated from the farrowing date of the individual sow. For sows farrowed or processed in groups, castration for all the male piglets in the group must occur on or before 10 days of age.</i></p>	•	•	•	•		
2.4.2	<p>Castration of pigs is prohibited.</p> <p>①[2.4.2]: <i>Managing intact males is likely more challenging than raising castrated pigs. GAP understands that aggression and boar taint may become an issue with intact males, therefore marketing them at a younger age/lower weight is recommended.</i></p>					•	•
2.4.3	<p>Piglets must only be castrated using a sharp, clean instrument.</p> <p>①[2.4.3]: <i>Acceptable castration instruments include: a scalpel, razor blade, or surgical scissors.</i></p>	•	•	•	•		
2.4.4	<p>Castration of piglets using side cutters, or other instruments not designed to cut soft tissue, are prohibited.</p>	•	•	•	•		
2.4.5	<p>Spaying of gilts is prohibited.</p>	•	•	•	•	•	•
<b>2.5 De-tusking and Trimming</b>							
2.5.1	<p>De-tusking (the removal of either the upper and/or lower tusks) of boars is prohibited.</p>	•	•	•	•	•	•
2.5.2	<p>Tusks may be trimmed to prevent the tusks from growing into the head of the animal, or if there is concern of risk to handlers or other animals.</p> <p>①[2.5.2]: <i>If it is necessary to trim tusks, they must be trimmed to avoid cutting into the sensitive pulp chamber of the tusk. Research shows that leaving at least 2 cm (0.78 in) of the tusk above the gum line should avoid cutting into the pulp chamber. A dehorning wire to saw through the tusks is recommended.</i> (Source: Bovey et al., FACT #1. CCSAW Facts: An Examination into the Innervation and Condition of Mature Boar Tusks at Slaughter. The Campbell Centre for the Study of Animal Welfare.)</p>	•	•	•	•	•	•
2.5.3	<p>The use of bolt cutters or other chopping devices to trim tusks is prohibited.</p> <p>①[2.5.3]: <i>Research shows that these devices greatly increase the risk of tooth splintering.</i> (Source: Bovey et al., FACT #1. CCSAW Facts: An Examination into the Innervation and Condition of Mature Boar Tusks at Slaughter. The Campbell Centre for the Study of Animal Welfare.)</p>	•	•	•	•	•	•
<b>2.6 Tail Docking</b>							
2.6.1	<p>Tail docking, including removing the tip of the tail, is prohibited.</p> <p>①[2.6.1]: <i>In instances where breeding stock are purchased, those animals will not be held to this requirement as it is not a current requirement to buy GAP-rated breeding stock (see Standard 1.1.6).</i></p>	•	•	•	•	•	•

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>2.6 Tail Docking <i>Continued</i></b>							
2.6.2	Any incidence of tail biting must be promptly addressed, managed and recorded. A written intervention plan must address, at a minimum, the number of animals affected, potential causes of the outbreak and actions taken to resolve the issue. Any management protocol that requires actions that are not in compliance with Standard 2.6.1 must be checked with your certifier prior to being carried out.	•	•	•	•	•	•
<b>2.7 Teeth Clipping</b>							
2.7.1	Teeth clipping piglets is prohibited.	•	•	•	•	•	•
2.7.2	Routine grinding or filing of teeth is prohibited.	•	•	•	•	•	•
2.7.3	If a litter of piglets is damaging each other and/or the sow's udder, their milk/eye teeth may be modified through grinding or filing. A record of any modification to piglet teeth must be kept including the date of the procedure, age of the animals, and number of animals affected.	•	•	•	•		
<b>2.8 Nose Ringing</b>							
2.8.1	Nose ringing of market animals is prohibited.	•	•	•	•	•	•
2.8.2	Disk rings for sows are prohibited.	•	•	•	•		
2.8.3	Nose ringing is prohibited.					•	•
2.8.4	In areas where the soil structure is easily damaged and breeding stock are given access to pasture, one septum ring per sow is permitted.	•	•	•	•		
2.8.5	Any sows that lose their nose rings cannot have new nose rings inserted.	•	•	•	•		
<b>2.9 Animal Identification</b>							
2.9.1	Breeding animals (sows, replacement gilts, boars) must be uniquely identified.	•	•	•	•	•	•
	①[2.9.1]: Unique identification is defined as the ability for a GAP auditor to easily identify between different breeding animals. For example, ear tags, RFID, EID, or photo IDs (of unique markings/coloration) are acceptable forms of identification. Ear notching of breeding animals at Steps 1-4 is acceptable (see Standard 2.9.4 and 2.9.5) – while GAP prefers the use of ear tagging for animal identification over ear notching it is recognized that notching is often used as a way to identify breeding stock.						
2.9.2	No more than two ear tags per animal are allowed; one in each ear.	•	•	•	•	•	•
	①[2.9.2]: RFID tags, EID tags, ESF tags, and metal clip tags are not considered ear tags for this standard, and are permitted.						
2.9.3	Slap marking and tattooing are acceptable methods of identification for market animals.	•	•	•	•	•	•
2.9.4	If pigs are ear notched, it must be conducted before 10 days of age.	•	•	•	•		
2.9.5	If pigs are ear notched, the equipment used must be designed to notch ears. Knives or other tools are not permitted for this procedure.	•	•	•	•		
2.9.6	Ear notching of any pig is prohibited.					•	•








STANDARD		Step Level					
		1	2	3	4	5	5+
<b>2.10 Group Management</b>							
2.10.1	Pigs must be managed to minimize aggressive behavior. This includes aggression caused by mixing of unfamiliar animals, reintroduction of animals, and competition for resources. <b>①[2.10.1]:</b> <i>This standard will be evaluated on-farm using the lesion and tail scoring systems found in Appendices III and IV, as well as looking for ear biting and flank biting.</i>	•	•	•	•	•	•
<b>2.11 Thermal Comfort</b>							
2.11.1 <b>M</b>	Thermal comfort must be maintained for pigs at all times through management and/or the provision of supplemental heat and/or cooling.	•	•	•	•	•	•
2.11.2	Shade must be provided in all outdoor and/or pasture areas. <b>①[2.11.2]:</b> <i>Shade can be provided through natural or artificial means, such as trees, shade cloth, and housing structures (such as A-frames, huts, barns and hoop barns).</i>			•	•	•	•
2.11.3 <b>M</b>	Pigs with access to outdoor areas must have access to wallows, showers, or sprinklers when the temperature meets or exceeds 70°F (21°C).			•			
2.11.4	Pigs with access to pasture must have continuous access to wallows when the temperature meets or exceeds 70°F (21°C). Wallows can be dug by pigs or by operation employees.				•	•	•
<b>2.12 Crates, Stalls and Tethers</b>							
2.12.1 <b>M</b>	Farrowing crates are prohibited. <b>①[2.12.1]:</b> <i>As outlined in the Pilot GAP Policy Manual v 1.0 (Section 6.Certificates), split operations will not be certified if the operation uses crates on the non-Step rated pigs.</i>	•	•	•	•	•	•
2.12.2 <b>M</b>	Gestation stalls are prohibited.	•	•	•	•	•	•
2.12.3 <b>M</b>	Tethering of pigs is prohibited.	•	•	•	•	•	•
2.12.4	Feeding stalls, including electronic sow feeding stations, are permitted providing that animals are only confined during the time taken to consume the allotted ration. <b>①[2.12.4]:</b> <i>This includes the use of solar powered feeding stations.</i>	•	•	•	•	•	•
2.12.5	Sows or gilts may be restrained in stalls for no more than 4 hours to perform artificial insemination or confirm pregnancy.	•	•	•	•	•	•
<b>2.13 Hazard Management</b>							
2.13.1	Equipment, fittings, fences, openings and protrusions must not injure pigs.	•	•	•	•	•	•
2.13.2	Pigs must not come into contact with any potentially toxic substances, such as those used for maintenance, sanitation, cleaning, and/or pest control.	•	•	•	•	•	•







STANDARD		Step Level					
		1	2	3	4	5	5+
<b>2.14 Mortality</b>							
① <i>Mortality includes animals that have died. It does not include animals that are culled.</i>							
2.14.1	Each operation must keep herd records of mortality, and the reason if known.	•	•	•	•	•	•
2.14.2	Pre-weaning mortality, excluding stillborns, must not exceed a herd average of 15% per certification cycle.	•	•	•	•	•	•
2.14.3	In farrow to finish systems, post-weaning mortality must not exceed a herd average of 4% per certification cycle.	•	•	•	•	•	•
2.14.4	In nursery systems, mortality must not exceed a herd average of 2% per certification cycle.	•	•	•	•	•	•
2.14.5	In finishing systems, mortality must not exceed a herd average of 2% per certification cycle.	•	•	•	•	•	•
2.14.6	Mortality of the breeding herd must not exceed a herd average of 3% per certification cycle.	•	•	•	•	•	•
2.14.7	If mortality levels exceed the Step-differentiation percentages above, a working plan to reduce mortality must be documented and implemented.	•	•	•	•	•	•
<b>2.15 Lameness</b>							
① <i>See Appendix II for lameness scoring.</i>							
2.15.1	During daily herd inspections and pen walk throughs, any pigs seen exhibiting lameness must receive appropriate care and treatment, and a record kept.	•	•	•	•	•	•
	① <b>[2.15.1]:</b> <i>Lameness is the inability to use one or more limbs in a normal manner. Lameness can be caused by many things including dietary deficiencies, trauma, and/or disease. Appendix II details what to look for to determine lameness and how to measure it in breeding and market animal herds.</i>						
	① <b>[2.15.1]:</b> <i>See Standard 1.3.1-1.3.6 for further details on care of sick animals.</i>						
2.15.2	Lameness levels must not exceed a herd average of 5%.	•					
	① <b>[2.15.2]:</b> <i>Records will be reviewed and animals will be assessed on farm by the auditor.</i>						
2.15.3	Lameness levels must not exceed a herd average of 4%.		•				
	① <b>[2.15.3]:</b> <i>Records will be reviewed and animals will be assessed on farm by the auditor.</i>						
2.15.4	Lameness levels must not exceed a herd average of 3%.			•			
	① <b>[2.15.4]:</b> <i>Records will be reviewed and animals will be assessed on farm by the auditor.</i>						
2.15.5	Lameness levels must not exceed a herd average of 2%.				•		
	① <b>[2.15.5]:</b> <i>Records will be reviewed and animals will be assessed on farm by the auditor.</i>						
2.15.6	Lameness levels must not exceed a herd average of 1%.					•	•
	① <b>[2.15.6]:</b> <i>Records will be reviewed and animals will be assessed on farm by the auditor.</i>						
2.15.7	If the incidence of lameness exceeds the Step-differentiation percentages above, a working plan to reduce incidence levels must be documented and implemented. The plan must address, at a minimum, identification of cause of lameness and actions taken to correct the occurrence.	•	•	•	•	•	•



STANDARD		Step Level					
		1	2	3	4	5	5+
<b>2.16 Weaning Age</b> <i>① Weaning age is calculated from the farrowing date of the individual sow. For sows farrowed in groups (i.e. more than one sow in a pen), no piglets can be younger than the minimum weaning age set below.</i>							
2.16.1	Operations with farrowing sows must keep individual sow farrowing records. Records must include farrowing date, number of piglets born live, and weaning date.	•	•	•	•	•	•
2.16.2 	Minimum weaning age of piglets is 28 days.	•					
2.16.3	Minimum weaning age of piglets is 35 days.		•				
2.16.4	Minimum weaning age of piglets is 42 days.			•	•		
2.16.5	Minimum weaning age of piglets is 56 days.					•	•
2.16.6	Early weaning cannot be routinely practiced. However, if the welfare of the sow and/or her litter is in jeopardy, piglets may be weaned earlier than the above Step-differentiation level. All incidences of early weaning must be recorded and include sow ID, number of piglets affected, age of piglets at time of early weaning, and reason for early weaning.	•	•	•	•	•	•












### 3 FEED AND WATER




STANDARD		Step Level					
		1	2	3	4	5	5+
<b>3.1 Water Availability</b>							
3.1.1 	All pigs must have continuous access to drinking water.	•	•	•	•	•	•
3.1.2	In systems utilizing wet-dry feeding systems, each pen must have at least one (1) additional drinker available to the pigs.	•	•	•	•	•	•
3.1.3	Drinkers must be checked daily and any debris cleaned out.	•	•	•	•	•	•
<b>3.2 Feeding Requirements</b>							
3.2.1 	All pigs, regardless of stage of production, must be fed daily.	•	•	•	•	•	•
3.2.2	Each operation must keep up-to-date feed ration ingredient lists, or tags, including mineral/vitamin mixes whether using purchased or home mixed feed. Lists and tags need to be made available to the auditor.	•	•	•	•	•	•
3.2.3	The feed ration, regardless of stage of production, must meet nutritional requirements.  [3.2.3]: Compliance with this standard will be assessed on-site using the body condition score in Appendix I for adult animals, and overall herd uniformity and condition for market animals.	•	•	•	•	•	•
3.2.4	All piglets must be provided concentrate feed by 21 days of age.  [3.2.4]: Feed can be creep feed or sow feed.	•	•	•	•	•	•
3.2.5	All market pigs must have ad-libitum access to feed during daylight hours.	•	•	•	•	•	•
3.2.6	Transition from one feed ration to another must be managed to minimize digestive upset to pigs.	•	•	•	•	•	•
3.2.7	Feeders and/or feeding system(s) must be designed, distributed, and/or provide enough space to allow pigs to eat their allotted ration.	•	•	•	•	•	•
3.2.8 	All pigs, except unweaned piglets, must be provided with edible forage on a daily basis. Forage must be presented so that all pigs have easy access to it.  [3.2.8]: Examples of edible forage include straw, hay, crop stubble, pasture, root vegetables, silage, baylage, haylage, and corn stalks.	•	•	•	•	•	•
<b>3.3 Feed Hygiene</b>							
3.3.1	Feed in storage bins and feeders or feed offered on the ground, must not be moldy or mildewed, contaminated by rodents, or otherwise compromised in quality.  [3.3.1]: To minimize contamination from rodents and wildlife and to protect feed integrity, it is recommended that any feed storage and feeder have a closed top and any spillage be removed immediately.	•	•	•	•	•	•
3.3.2	Feeders must be clean and free of debris.	•	•	•	•	•	•



STANDARD		Step Level					
		1	2	3	4	5	5+
<b>3.4 Additives or Ingredients in Feed or Water <i>Continued</i></b>							
3.4.1 	Mammalian by-products are prohibited.	•	•	•	•	•	•
	 <b>[3.4.1]:</b> <i>By-products include animal waste and products derived from slaughter/harvest process including meat, bone, blood and fat.</i>						
3.4.2 	Avian by-products are prohibited.	•	•	•	•	•	•
	 <b>[3.4.2]:</b> <i>By-products include animal waste and products derived from slaughter/harvest process including meat, bone, blood, fat and feather.</i>						
3.4.3 	Fish and fish by-products are prohibited.	•	•	•	•	•	•
	 <b>[3.4.3]:</b> <i>This includes whole fish, parts of fish, fish meal, fish by-products from the processing industry and other aquatic species and/or products (does not include seaweed or oyster shell).</i>						

## 4 HOUSING

STANDARD		Step Level					
		1	2	3	4	5	5+
4.1 Bedding							
4.1.1 ⓘ	All pig housing (including indoor pens, hoop barns, outdoor shelters, huts, A-frames, Smidley huts, boar pens, farrowing pens and farrowing huts) must have bedding.	•	•	•	•	•	•
	ⓘ[4.1.1]: Bedding is provided for comfort, thermal protection, and to aid in maintaining pig and pen cleanliness. Acceptable bedding materials include sawdust, wood shavings, wood chips, rice hulls, long or chopped straw, alfalfa pellets, and corn stalks. Rubber mats are not considered bedding, and therefore don't meet the standard if used on their own.						
	ⓘ[4.1.1]: For pasture based systems, if the temperature exceeds 70°F and there is at least 50% vegetative cover in occupied pens, bedding is not required for pigs except for farrowing sows.						
4.1.2	Bedding must be maintained daily to ensure the base of the pen (excluding the 25% permitted slatted area, or excluding dunging and feeding areas in solid flooring systems) is covered and provides a dry place for all pigs to lie.	•	•	•	•	•	•
4.2 Flooring							
4.2.1 ⓘ	In any pen, including farrowing pens, slatted floors must not exceed 25% of the total floor area available to the animals.	•	•	•	•		
	ⓘ[4.2.1]: Slatted floors are defined as any type of flooring that has one or more open space(s) to allow drainage of urine and feces.						
4.3 Air Quality							
ⓘ See Appendix V for standardized sensory evaluation protocol for assessing air quality.							
4.3.1	Air quality must be assessed daily during herd monitoring (per Standard 2.1.1): a. using calibrated meters <u>or</u> sensory evaluation at the animal level; b. a record must be kept of each assessment.	•	•	•	•		
	ⓘ[4.3.1]: This only needs to be conducted for indoor systems and for temporarily housed pigs.						
4.3.2	Air quality levels must not exceed the following levels: a. 10 mg per cubic meter of dust; b. 20 ppm ammonia; OR c. score 2 on the air quality scale in Appendix V.	•	•	•	•		
4.3.3	If air quality exceeds these levels, and/or is found to be aversive using sensory evaluation, a working plan designed to improve air quality must be documented and implemented immediately.	•	•	•	•		
4.4 Lighting							
4.4.1	Light intensity in housing during daylight hours must be a minimum of 50 lux (5 foot candles).	•	•	•	•		

STANDARD		Step Level					
		1	2	3	4	5	5+
4.4 Lighting <i>Continued</i>							
4.4.2 	Pigs must be provided with a minimum period of 8 hours of continuous darkness within a 24-hour period.	•	•	•	•	•	•
 [4.4.2]: Pigs in 100% outdoor systems, that do not use artificial lighting, meet this lighting schedule requirement.							
4.5 Space Requirements For Market Pigs							
 Development gilts are included under the market pig category.							
 The space requirements below pertain to any type of housing that pigs may be housed in permanently or temporarily.							
 Step 5 and 5+ pigs are continuously on pasture and are not housed, except in extreme weather conditions.							
4.5.1	When housed, each group of pigs must have separate lying and dunging areas.	•	•	•	•	•	•
4.5.2 	The minimum space allowance for nursery pigs (up to 55lb or 25kg) is 6 ft <sup>2</sup> (0.6m <sup>2</sup> ) per pig. Pen dimensions include slatted areas if used.	•	•	•	•		
4.5.3 	The minimum space allowance for market animals (greater than 55lb or 25 kg) is 10 ft <sup>2</sup> (0.92m <sup>2</sup> ) per pig. Pen dimensions include slatted areas if used.	•					
4.5.4	The minimum space allowance for market animals (greater than 55 lb or 25 kg) is 12 ft <sup>2</sup> (1.1m <sup>2</sup> ) per pig. Pen dimensions include slatted areas if used.		•				
4.5.5	The minimum space allowance for market animals (greater than 55 lb or 25 kg) is 12 ft <sup>2</sup> (1.1m <sup>2</sup> ) per pig indoors plus an additional 6 ft <sup>2</sup> (0.6m <sup>2</sup> ) of outdoor space.			•			
4.5.6	This standard applies in the event that pigs need to be removed from pasture (see Standards 5.6.1 to 5.6.4 for further details). The minimum space allowance for market animals (greater than 55 lb or 25 kg) is 12 ft <sup>2</sup> (1.1m <sup>2</sup> ) per pig indoors plus an additional 6 ft <sup>2</sup> (0.6m <sup>2</sup> ) of outdoor space.				•	•	•
4.6 Space Requirements For Boars							
4.6.1 	The minimum space allowance for boars (weighing less than 350lb or 159kg) is 48 ft <sup>2</sup> (4.5 m <sup>2</sup> ) per boar.	•	•	•	•	•	•
 [4.6.1]: This space allowance includes the entire pen, including feeding and dunging areas.							
4.6.2 	The minimum space allowance for boars (weighing more than 350lb or 159kg) is 64 ft <sup>2</sup> (5.9 m <sup>2</sup> ) per boar.	•	•	•	•	•	•
 [4.6.2]: This space allowance includes the entire pen, including feeding and dunging areas.							

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>4.7 Space Requirements For Farrowing Sows &amp; Gilts</b> <i>① The space requirements below pertain to any type of housing that pigs may be housed in permanently or temporarily.</i> <i>① Step 5 and 5+ pigs are continuously on pasture and are not housed, except in extreme weather conditions.</i> <b>Farrowing Pens and Huts Definitions</b> <i>① A Farrowing Pen is found in indoor systems and is defined as an area for an individual sow and her piglets – this does not apply to farrowing crates.</i> <i>① A Farrowing Hut is found in outdoor systems and is defined as a shelter or structure with a roof located in an outdoor area or pasture, designed for an individual sow and her piglets, that allows the sow to come and go freely.</i>							
4.7.1 	Farrowing pens must have a minimum of 48 ft <sup>2</sup> (4.5 m <sup>2</sup> ) of farrowing space, and allow for the sow to turn 360° uninhibited at any time. The sow must also be able to lie fully recumbent (outstretched) within the pen.	•	•	•	•		
4.7.2 	Farrowing huts must have a minimum of 48 ft <sup>2</sup> (4.5 m <sup>2</sup> ) of farrowing space. This space requirement includes the hut and outdoor area space combined, and allows for the sow to turn 360° uninhibited at any time. The sow must also be able to lie fully recumbent (outstretched) within the hut.	•	•	•	•	•	•
4.7.3 	For indoor farrowing group systems, sows must have a minimum of 48 ft <sup>2</sup> (4.5 m <sup>2</sup> ) of combined space (farrowing area plus group area). The space for farrowing (which can be a hut or a sub-divided area but not a crate) can be no less than 35 ft <sup>2</sup> (3.3 m <sup>2</sup> ) per sow, and still allows for the sow to turn 360° uninhibited at any time. The sow must also be able to lie fully recumbent (outstretched) within the farrowing space.	•	•	•	•		
<b>4.8 Additional Provisions For Farrowing Sows</b>							
4.8.1	Farrowing areas must be designed to include a protected space (i.e. a getaway area) for piglets.	•	•	•	•	•	•
	<i>① [4.8.1]: Piglet protection devices include but are not limited to: railings or pipes around the perimeter of the pen/hut, sloped walls, and/or a warming box to the side/corner.</i>						
4.8.2	Farrowing sows must be provided with nest building materials a minimum of 3 days prior to the expected farrowing date.	•	•	•	•	•	•
	<i>① [4.8.2]: Nest building materials include long straw, corn stalks, hay or other long, fibrous, vegetative material. It is recommended that sows be provided with 2kg (5 lbs) of nest building material per day up until farrowing. If sawdust, wood chips, rice hulls or other non-toxic material is used as the bedding material, this is not considered nest-building material.</i>						

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>4.9 Space Requirements For Gestating Sows</b> <i>① These requirements include gestating sows of all parities.</i> <i>① Development gilts are not included under this pig category (See Market Pigs).</i> <i>① The space requirements below pertain to any type of housing that pigs may be housed in permanently or temporarily.</i> <i>① Step 5 and 5+ pigs are continuously on pasture and are not housed, except in extreme weather conditions.</i>							
4.9.1 	Within an individual sow barn, the average space allowance for sows is 32ft <sup>2</sup> (3.0m <sup>2</sup> ). On an individual sow basis, no animals must have less than 30 ft <sup>2</sup> (2.8m <sup>2</sup> ). Pen dimensions include slatted areas if used.	•					
4.9.2	The minimum space allowance for sows is 38ft <sup>2</sup> (3.5m <sup>2</sup> ). Pen dimensions include slatted areas if used.		•				
4.9.3	The minimum space allowance for sows is 38ft <sup>2</sup> (3.5m <sup>2</sup> ) indoors and 19ft <sup>2</sup> (1.8 m <sup>2</sup> ) outdoors. Pen dimensions include slatted areas if used.			•			
4.9.4	This standard applies in the event that sows need to be removed from pasture (see Standards 5.6.1 to 5.6.4 for further details). The minimum space allowance for sows is 38 ft <sup>2</sup> (5 m <sup>2</sup> ) – indoors and 19ft <sup>2</sup> (1.8 m <sup>2</sup> ) outdoors.				•	•	•
	<i>①[4.9.4]: This standard does not apply to sows who have been moved to farrowing pens for farrowing, or to sows who have farrowed and are with their piglets.</i>						
<b>4.10 Environmental Enrichments</b> <i>① Environmental enrichments are materials that are provided to pigs to add complexity to their environment, encourage the expression of natural behavior(s) (such as rooting, exploration and play behavior), and decrease the expression of abnormal and deleterious behaviors such as tail biting. Examples include long straw (provided as bales and/or deep bedded and that is topped up at an interval that ensures fresh bedding can be used as an enrichment), hay, silage, wood chips (provided as a deep bed), branches, whole crop peas or barley, compost, peat, sisal ropes, or other natural materials, which do not adversely affect the health of the animals.</i> <i>Extensive research shows that the most important characteristics of an enrichment for pigs are that it is chewable, deformable and destructible. Items such as chains, barrels, plastic toys, rubber hoses, bowling balls, stones, and tires are not as valuable/satisfying to the pigs as they don't have all 3 characteristics in combination, and are therefore not considered acceptable enrichments.</i> <i>① Indoor environment does not include huts on pasture.</i>							
4.10.1 	The indoor environment must include environmental enrichments that are used by pigs.		•	•	•		
<i>①[4.10.1]: The indoor environment does not include huts on pasture.</i>							
4.10.2	Environmental enrichments can be provided directly on the ground, or by suspending them from the ceiling or walls.		•	•	•		

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>4.10 Environmental Enrichments <i>Continued</i></b>							
4.10.3	There must be enough enrichment material provided so that all pigs have access. If using sisal ropes, ropes must be at least 12 inches (30cm) long suspended off the ground and there must be at least 1 rope per 3 pigs.		•	•	•		
4.10.4	Environmental enrichments must be provided to gestating sows, replacement animals, boars, and pigs from weaning through the grow-out period.		•	•	•		
	④[4.10.4]: <i>Farrowing sows (i.e. sows that have been moved to farrowing pens but have not yet farrowed), and sows with unweaned piglets are not required to have enrichment materials in their pens, instead they are required to have nest-building material - see Standard 4.8.2.</i>						
4.10.5	Indoor enrichments must be maintained daily to ensure pigs have daily access.		•	•	•		



## 5 OUTDOOR ACCESS AND PASTURE

①: Outdoor access is defined as an outdoor area such as a dry lot, concrete pad, or pasture, but does not have to be pasture.

①: Pasture includes access to rangeland, grassland, planted pastures, managed pastures, wooded areas, harvested crop areas (for clean-up), and any other land where pigs have access to vegetation.

①: Pastures should be rested, and allowed to regenerate between groups.

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>5.1 Outdoor Space Requirements</b>							
5.1.1	Pigs must have an outdoor space that is equal to or greater than 50% of the indoor area.			•			
<b>5.2 Pasture Conditions</b>							
① The following standards in this section are the <u>minimum</u> pasture coverages that an operation could have in any occupied area. Pigs are to be rotated once the pasture has reached 25% or 50% coverage, respectively.							
5.2.1	At least 25% of each occupied pasture area must be covered with vegetation.				•		
	① [5.2.1]: This standard cannot be met by placing cut or harvested vegetation and/or forages, such as alfalfa hay, in the outdoor area. ① [5.2.1]: Vegetation is defined as having nutritional and/or enrichment value to the pigs. Aversive plants (e.g. angel trumpets, thistles and cacti) do not count as part of vegetative cover and should be removed from the coverage calculation.						
5.2.2	At least 50% of each occupied pasture area must be covered with vegetation.					•	•
	① [5.2.2]: This standard cannot be met by placing cut or harvested vegetation and/or forages, such as alfalfa hay, in the outdoor area. ① [5.2.2]: Vegetation is defined as having nutritional and/or enrichment value to the pigs. Aversive plants (e.g. angel trumpets, thistles and cacti) do not count as part of vegetative cover and should be removed from the coverage calculation.						
<b>5.3 Environmental Enrichments</b>							
① Environmental enrichments are defined in Section 4.10.							
5.3.1	Environmental enrichments must be provided/or made available daily in outdoor areas (in addition to enrichments provided in housing).			•			
5.3.2	If pigs are removed from pasture due to weather conditions, pigs must be provided environmental enrichments in the outdoor areas.				•		
	① [5.3.2]: See Standard 5.6.1 and 5.6.2 for details on removal from pasture.						
5.3.3	Environmental enrichment materials can be provided directly on the ground or by suspension. There must be enough enrichment material provided so that all pigs in the outdoor areas have access.			•	•		
5.3.4	Environmental enrichments in the outdoor area(s) must be maintained daily to ensure pigs have access.			•	•		

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>5.4 Housing for Systems with Outdoor and/or Pasture Access</b>							
5.4.1	All pigs must have continuous access to housing or shelter. Structures that provide pigs with protection from the elements (such as individual and group huts, Quonset-type buildings and 3-sided barns), whether mobile or permanent, meet this standard.			•	•	•	•
<b>5.5 Outdoor and/or Pasture Access</b>							
5.5.1	All pigs must have continuous access to the outdoors during daylight hours. A sow and her unweaned piglets may be kept indoors without outdoor access only when weather conditions pose a risk to welfare.			•			
5.5.2	All pigs must have continuous access to pasture. A sow and her unweaned piglets may be kept indoors without outdoor access only when weather conditions pose a risk to welfare.				•		
5.5.3	All pigs must live continuously on pasture.					•	•
5.5.4	Records must be kept of the age when each group/pen of piglets is provided with access to the outdoors.			•	•	•	•
<b>5.6 Removal from Pasture Areas</b>							
5.6.1	When weather conditions pose risks for pigs, they may be housed, but must have continuous access to an outdoor area during daylight hours. Records must be kept of the dates (start and end dates) and when a group/pen of pigs is removed from pasture.				•		
	①[5.6.1]: See Standard 5.5.2 (above) where a sow and her unweaned piglets are permitted to remain indoors are exempt from this standard.						
5.6.2	Pigs must not be removed from pasture for more than a total of 5 months within any 12-month period.				•		
	①[5.6.2]: See Standard 5.5.2 (above) where a sow and her unweaned piglets are permitted to remain indoors are exempt from this standard.						
5.6.3	Pigs must not be removed from pasture. If pigs are thought to be at risk from weather conditions, they may be temporarily removed from pasture until weather conditions have improved, and a record must be kept.					•	•
5.6.4	Removal from pasture due to weather conditions cannot exceed 5 consecutive days, and/or 25 days within a 12-month period, without written permission from GAP.					•	•

## 6 RODENT AND PREDATOR CONTROL

STANDARD		Step Level					
		1	2	3	4	5	5+
6.1 Rodent Control							
6.1.1	Exclusion of rodents from housing and feed storage must be the first level of rodent control.	•	•				
6.1.2	Exclusion of rodents from feed storage must be the first level of rodent control.			•	•	•	•
6.1.3	Lethal control is permitted only if the following conditions are met: a. exclusion was ineffective; b. the method of control causes irreversible insensibility immediately followed by death; c. the method of control targets only rodents.	•	•	•	•	•	•
	📌[6.1.3]: Glue boards, drowning, and/or drowning traps do not meet the above requirements.						
6.1.4	Any live traps must be checked at least once daily and acted upon within 24 hours.	•	•	•	•		
	📌[6.1.4]: Live traps, also known as humane traps, do not contain poison or in any other way result in lethal control.						
6.1.5	Any live traps must be checked at least twice daily and acted upon within 24 hours.					•	•
	📌[6.1.5]: Live traps, also known as humane traps, do not contain poison or in any other way result in lethal control.						
6.2 Predator Control							
📌 The standards in this section are applicable to any predators, including aerial predators, and to any predator control efforts, whether contracted or arranged by an outside third party. Control of predators must not violate any local, state, provincial, territorial, federal, national, or other laws.							
6.2.1	When predators are considered to be a problem, each operation must have a predator control program in place.	•	•	•	•	•	•
6.2.2	Non-lethal methods of predator exclusion from housing/shelters and outdoor areas must be the first level of control.	•	•	•	•	•	•
6.2.3	Lethal control is permitted only if the following conditions are met: a. exclusion was ineffective and pigs are at risk; b. the method of control is swift, efficient, and does not cause undue suffering, immediately followed by death; c. the method of control targets only the offending predator(s).	•	•	•	•	•	•
6.2.4🚫	Poisons, drowning, all snares, and all traps other than live traps are prohibited.	•	•	•	•	•	•
6.2.5	Any live traps must be checked at least once daily and acted upon within 24 hours.	•	•	•	•		
	📌[6.2.5]: Live traps, also known as humane traps, do not contain poison or in any other way result in lethal control.						
6.2.6	Any live traps must be checked at least twice daily and acted upon within 24 hours.					•	•
	📌[6.2.6]: Live traps, also known as humane traps, do not contain poison or in any other way result in lethal control.						

## 7 TRANSPORT

①: The following transport standards apply for all transport between operations, collection points/assembly yards and processing plants.

①: GAP recommends minimizing mixing groups of unfamiliar pigs from different farms on the same truck.

①: Any operation utilizing transport companies with drivers and loading crews holding current Pork Transport Quality Assurance Certification will automatically be in compliance with Standards 7.3.1-7.5.4. If only the driver holds a current Pork Transport Quality Assurance Certification then they will automatically be in compliance with Standards 7.4.1-7.5.4.

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>7.1 Water and Feed Withdrawal</b>							
7.1.1 ①	Water must be continuously available until loading begins.	•	•	•	•	•	
7.1.2	Feed cannot be withheld for more than 8 hours prior to transport.	•	•	•	•	•	•
<b>7.2 Condition of Pigs</b>							
7.2.1 ①	Transporting pigs that meet any of the following conditions is prohibited: a. Pigs that are sick, injured, weak, disabled or fatigued; b. Pigs that are lame and unable to bear weight on one or more leg(s); c. Pigs in poor body condition (BCS < 2).	•	•	•	•	•	•
7.2.2	Pregnant sows must not be transported off the operation within 4 weeks of expected farrowing date.	•	•	•	•	•	
7.2.3	Piglets must not be transported off the operation until they are weaned.	•	•	•	•	•	
<b>7.3 Loading/Unloading</b>							
7.3.1	Only low stress handling aids may be used when moving pigs (such as nylon flags, sorting boards, rattle/shaker paddles).	•	•	•	•	•	•
7.3.2 ①	Pigs must never be kicked, hit, or mistreated in any way while being loaded or unloaded.	•	•	•	•	•	
7.3.3 ①	The use of electric prods is prohibited.	•	•	•	•	•	•
	①[7.3.3]: Electric prods may only be used if there is an imminent risk of injury to the animal or handler. The prod must not be routinely carried by the handler. If it is necessary, only the muscles of the pig's hindquarters are permitted to be touched with the prod.						
<b>7.4 Transport and Loading Equipment</b>							
7.4.1	Transport trailers must be cleaned after each use.	•	•	•	•	•	
7.4.2	Transport trailers, including ramps and chutes, must be in good condition.	•	•	•	•	•	
7.4.3	Ramp slopes for the first deck must be no more than 20 degrees (incline angle).	•	•	•	•	•	
	①[7.4.3]: Where possible ramp slopes (incline angle) for higher decks should be no more than 20 degrees.						

STANDARD					Step Level					
					1	2	3	4	5	5+
7.4 Transport and Loading Equipment <i>Continued</i>										
7.4.4	Ramps must be fitted with cleats, treads, non-slip surfaces or stair steps to minimize the risk of slips and falls during loading and unloading.				•	•	•	•	•	
7.4.5	Trailers must have access point(s) for drivers to be able to access animals, if necessary, during transport.				•	•	•	•	•	
7.4.6	Transport density (during normal weather conditions) should not exceed the following stocking densities:				•	•	•	•	•	
	Average Weight (lbs)	Average Weight (kgs)	Space per head (ft <sup>2</sup> )	Space per head (m <sup>2</sup> )						
	12	5.4	0.65	0.06						
	50	22.7	1.53	0.14						
	100	45.4	2.32	0.22						
	150	68.0	2.95	0.27						
	200	90.7	3.48	0.32						
	250	113.4	4.26	0.40						
	300	136.1	4.79	0.44						
	350	158.8	5.48	0.51						
400	181.4	6.39	0.59							
Source: Transport Quality Assurance™ Handbook. National Pork Board. Brochure #04152-01/08					•	•	•	•	•	
Pigs must be protected from weather during transport.										
7.4.7	❗[7.4.7]: The following are examples of modifications made to the transport conditions in order to protect pigs:				•	•	•	•	•	
	- Trailer with roof									
	- Close, block or plug a portion of the ventilation holes/slots									
	- Keep pigs dry									
	- Adjust the number of pigs on the truck									
	- Provide extra bedding									
	- Provide wet shavings (to help cool pigs)									
	- Transport pigs early in the morning or at night									
	- Sprinkle pigs with water prior to loading									
	- Minimize the time in lairage (if pigs are held in the truck)									
- Use a published ‘Livestock Weather Safety Index’ to determine weather that poses a risk										

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>7.5 Transport Personnel Responsibilities and Procedures</b>							
7.5.1	There must be a clear, written procedure, which includes actions and contact numbers, for the driver to follow in case of an accident or emergency.	•	•	•	•	•	
7.5.2	The driver must be knowledgeable in all of his or her responsibilities and transport protocols.	•	•	•	•	•	
7.5.3	The driver is responsible for all animals on the truck during transport.	•	•	•	•	•	
7.5.4	If the truck is scheduled to pick up pigs from more than one operation, or if pigs are mixed at the collection point/assembly yard, a separate bill of lading/delivery note including 5-Step® certification information must be kept for each operation.	•	•	•	•	•	
<b>7.6 Transport Duration</b>							
① <i>Transport duration is calculated on an individual truck basis. Independent trips are not cumulative for the below calculation.</i>							
<i>Transport duration is calculated as follows:</i>							
<ul style="list-style-type: none"> <li>• <b>Operation to Operation:</b> Time from first pig loaded onto the truck at the originating operation to time last pig is unloaded at the receiving operation.</li> <li>• <b>Operation/Collection Point to Processing Plant:</b> Time from first pig loaded onto the truck at the finishing operation to the time the truck arrives at the processing plant, OR time from the first pig loaded on the truck at the collection point/assembly yard to the time the truck arrives at the processing plant.</li> </ul>							
7.6.1 ①	Transport duration must not exceed 16 hours.	•	•	•	•	•	
7.6.2	Transport of market pigs is prohibited.						•
<b>7.7 Transport Records</b>							
7.7.1	Transport records must be kept for each vehicle, made available for review, and include: <ul style="list-style-type: none"> <li>a. Date of transport;</li> <li>b. Head count;</li> <li>c. Loading start and end times for each vehicle transporting hogs to another operation and/or slaughter/processing plant/collection point/assembly yard;</li> <li>d. Departure and arrival times for each vehicle transporting hogs to another operation and/or slaughter/processing plant/collection point/assembly yard;</li> <li>e. Reasons for any stops of delays en route.</li> </ul>	•	•	•	•	•	
7.7.2	Mortality records for each truck transporting pigs to processing plants must be kept.	•	•	•	•	•	
① [7.7.2]: <i>The Dead on Arrival (DOA) summary from the processing plant would satisfy this requirement.</i>							
<b>7.8 Sale/Auction Barns</b>							
7.8.1 ①	Sale through auction or sales barns is prohibited.					•	•

## 8 COLLECTION POINTS/ASSEMBLY YARDS

**i**: Collection points/assembly yards are defined as a location where producers deliver pigs. Pigs are then shipped from this location to the processing plant.

**i**: Operations are permitted, but are not required, to submit video recordings, or to utilize electronic surveillance technology to show compliance to Standards 8.3.1-8.3.2, 8.5.1- 8.7.3. Any operation submitting video recordings must follow the guidelines stipulated in the Pilot GAP Policy Manual v1.0.

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>8.1 Certification</b>							
8.1.1	Any collection point/assembly yard being used by GAP certified operations must be audited once every 15 months. The collection point/assembly yard will not be assigned a Step-rating, but rather will be granted a pass/fail designation and will hold a 'GAP Certified' certificate.	•	•	•	•	•	
	<b>i</b> [8.1.1]: It is the producer group/marketing entity/co-op/individual operation's responsibility to ensure their collection point/assembly yard holds a valid certificate.						
8.1.2	Step-rated operations that utilize collections points/assembly yards must use locations that are GAP Certified.	•	•	•	•	•	
8.1.3	Collection points/assembly yards must have a written protocol outlining how they maintain segregation of animals by Step-rating. The auditor must see evidence of implementation of the protocol.	•	•	•	•	•	
<b>8.2 Employees</b>							
8.2.1	Collection points/assembly yards must utilize employees who have been trained as follows: <ul style="list-style-type: none"> <li>a. training is written and/or hands on;</li> <li>b. is presented in all necessary languages;</li> <li>c. describes all aspects of the individual's responsibilities;</li> <li>d. includes instruction on recognizing signs of normal and abnormal pig appearance and behavior;</li> <li>e. describes emergency procedures;</li> <li>f. is provided prior to the individual's handling of any pigs on the operation;</li> <li>g. is on-going as necessary and, at a minimum, when any changes affecting the care and management of pigs are implemented.</li> </ul>	•	•	•	•	•	
8.2.2	Pigs must be checked at least twice daily.	•	•	•	•	•	

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>8.3 Condition of Animals</b>							
8.3.1	Any pigs that meet any of the following conditions when delivered to the collection point/assembly yard must not be off-loaded from transport trucks, and be euthanized immediately according to Standards 1.4.1 to 1.4.9: a. Pigs that are sick, injured, weak, disabled or fatigued; b. Pigs that are lame and unable to bear weight on one or more leg(s); c. Pigs in poor body condition (BCS < 2).	•	•	•	•	•	
8.3.2	Any pigs that meet any of the following conditions during their time at the collection point/assembly yard must not be reloaded. They are either to be treated and allowed time to recover, or euthanized according to Standards 1.4.1 to 1.4.9: a. Pigs that are sick, injured, weak, disabled or fatigued; b. Pigs that are lame and unable to bear weight on one more leg(s); c. Pigs in poor body condition (BCS < 2).	•	•	•	•	•	
<b>8.4 Feed and Water</b>							
8.4.1	All pigs must have continuous access to drinking water at the collection point/assembly yard; <u>OR</u> Pigs held more than 4 hours at the collection point must meet all of the following: a. be provided continuous access to water after 4 hours; b. demonstrate how they provide water after 4 hours; c. provide records showing arrival and departure times of pigs at the collection point/assembly yard; AND d. provide records showing when pigs were provided water.	•	•	•	•	•	
8.4.2	If pigs are kept overnight at the collection point/assembly yard, they must be fed.	•	•	•	•	•	
<b>8.5 Shelter</b>							
8.5.1	All pigs must have protection from the elements while at the collection point. This includes the provision of shade, misters/sprinklers/wallows, fans, bedding and/or windbreaks depending on the season and external temperatures.	•	•	•	•	•	
<b>8.6 Handling</b>							
8.6.1	Pigs must not be mistreated. Mistreatment includes, but is not limited to rough physical contact, throwing, kicking and hitting.	•	•	•	•	•	
8.6.2	Pigs must always be handled calmly.	•	•	•	•	•	



STANDARD		Step Level					
		1	2	3	4	5	5+
<b>8.6 Handling Continued</b>							
8.6.3	The use of electric prods is prohibited.	•	•	•	•	•	
	①[8.6.3]: Electric prods may only be used if there is an imminent risk of injury to the animal or handler. The prod must not be routinely carried by the handler. If it is necessary, only the muscles of the pig's hindquarters are permitted to be touched with the prod.						
8.6.4	Only low stress handling aids may be used when moving pigs (such as nylon flags, sorting boards, rattle/shaker paddles).	•	•	•	•	•	
<b>8.7 Loading/Unloading</b>							
8.7.1	Loading/unloading ramps and chutes must be in good condition.	•	•	•	•	•	
8.7.2	Ramp slopes for the first deck must be no more than 20 degrees (incline angle).	•	•	•	•	•	
	①[8.7.2]: Where possible ramp slopes (incline angle) for higher decks should be no more than 20 degrees.						
8.7.3	Ramps must be fitted with cleats, treads, non-slip surfaces or stair steps to minimize the risk of slips and falls during loading and unloading.	•	•	•	•	•	
<b>8.8 Records</b>							
8.8.1	The collection point/assembly yard must keep records of each shipment of pigs arriving and departing. The record must include at a minimum, the name of the source operation, number of pigs, and Step-rating.	•	•	•	•	•	

## 9 PLANS, PROTOCOLS, PROCEDURES, TRAINING, RECORDS AND TRACEABILITY

**①:** Certain historical records and documents included in this section may not be available at the time of initial audit as the operation applying for 5-Step® certification was unaware they would be required and, therefore, cannot create them for past events, treatments, assessments, or practices. At the time of initial audit, record-keeping and documentation mechanisms must be in place to meet each of these standards, and records and documentation for, at a minimum, the pigs presently on-site must be available.

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>9.1 Written Farm/Animal Health/System Plan</b>							
9.1.1	<p>Each operation must have a written plan describing:</p> <ul style="list-style-type: none"> <li>a. an overview of the operation, including size, type/stage of production, location, typical climatic conditions;</li> <li>b. all commercially raised species and breed(s)/strain(s), including approximate numbers and stocking densities of each species on-farm;</li> <li>c. emergency procedures, including those for natural disasters, fire, water shut off, and if applicable power failure;</li> <li>d. operational practices and policies for pig production, which include: <ul style="list-style-type: none"> <li>i. provision for daily feed and water, including ration details;</li> <li>ii. health programs (e.g. supplementation, vaccination and other preventative, maintenance and/or health promoting practices);</li> <li>iii. routine husbandry procedures;</li> <li>iv. care of sick, ill and/or injured pigs, including on-farm euthanasia policies;</li> <li>v. management of outdoor areas, if applicable to production system;</li> <li>vi. rodent and predator control practices;</li> <li>vii. environmental management (i.e. to reflect how various environmental challenges are handled such as large fluctuations in temperature, excessive humidity, cold nights with rain, etc.).</li> </ul> </li> </ul>	•	•	•	•	•	•
<b>①[9.1.1]:</b> The Farm/Animal Health/System Plan can be provided by an affiliated group (i.e. a producer group, co-operative, marketing entity) or created with the aid of external consultation (i.e. extension agents, veterinarians, peers), but must include information specific and relevant to the operation applying for 5-Step® certification.							

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>9.2 Biosecurity Procedures and Protocols</b>							
9.2.1	Each operation must have a documented and implemented biosecurity program that covers: <ul style="list-style-type: none"> <li>a. procedures for bringing any pigs onto the site, including new pigs and any returning pigs (e.g. show pigs; breeding boars used for stud service) ;</li> <li>b. procedures and policies for employees (e.g. dress code and footwear requirements, policies concerning keeping of pigs off-site);</li> <li>c. procedures and policies for visitors to the operations (e.g. provision of foot baths, booties, and protective clothing; visitor logs);</li> <li>d. feed trucks and equipment delivery to the operation;</li> <li>e. shared borders with neighboring operations, if applicable;</li> <li>f. clean-out procedures of housing between groups of animals.</li> </ul>	•	•	•	•	•	•
<b>9.3 Back-up/alternative power supply</b>							
9.3.1	If power is essential to the operation of heating, cooling, ventilation, watering, and/or feeding systems, each operation must have: <ul style="list-style-type: none"> <li>a. i) a back-up; ii) alternative power supply; and/or iii) fail-safe device in working condition;</li> <li>b. a method of notification in the event of power failure.</li> </ul>	•	•	•	•	•	•
<b>9.4 Training</b>							
9.4.1	Each operation must provide training to all pig care-givers and/or managers that: <ul style="list-style-type: none"> <li>a. is written and/or hands-on;</li> <li>b. is presented in all necessary languages;</li> <li>c. includes instruction on recognizing signs of normal and abnormal pig appearance and behavior;</li> <li>d. describes all aspects of the individual's responsibilities;</li> <li>e. describes emergency procedures;</li> <li>f. is provided prior to the individual's handling of any pigs on the operation;</li> <li>g. covers all requirements of this version of the 5-Step® Animal Welfare Rating Standards for Pigs;</li> <li>h. is on-going as necessary and, at a minimum, when any changes affecting the care and management of pigs are implemented.</li> </ul>	•	•	•	•	•	•

STANDARD		Step Level					
		1	2	3	4	5	5+
9.4 Training <i>Continued</i>							
9.4.2	Each operation must keep a record of employee training, including dates of training and topics covered.	•	•	•	•	•	•
9.4.3	Each operation must keep a record of employee re-training and/or on-going training events, including dates of training and topics covered.	•	•	•	•	•	•
9.5 Other Commercial Animals on the Operation							
9.5.1	All species of commercial animals raised on the operation, for which 5-Step® Animal Welfare Rating Standards exist, must be certified to Step 1 standards or higher.					•	•
9.6 Domestic Animals on the Operation							
9.6.1	There must be no obvious signs of neglect or abuse of any domestic animals on the operation.	•	•	•	•	•	•
9.6.2	All domestic animals on-farm must be provided: a. food and water on a daily basis, as evidenced by healthy body score condition; b. surroundings that do not cause them injury; c. an environment that allows for freedom of movement and exercise; d. a comfortable resting area that protects them from extremes of temperature; e. veterinary attention if required.					•	•
	ⓘ[9.6.2]: Domestic animals include dogs, cats, horses, goats, cattle, or any other animals on the operation, including both pets and working animals.						
9.7 General Records Requirements							
9.7.1	Records must be written and made available to the auditor and/or certification company. Acceptable formats include, but are not limited to; record sheets and cards, calendars, notebooks, and computer documents.	•	•	•	•	•	•
	ⓘ[9.7.1]: Records can be collected and stored by producer groups.						
9.7.2	Records must be presented in an organized manner.	•	•	•	•	•	•
9.7.3	All records, reports, Step certificates, and other materials and correspondence relating to Step certificates must be kept for 1 certification cycle.	•	•	•	•	•	•
9.8 Traceability and Chain of Custody							
9.8.1 ⓘ	Each operation must have individual herd records that can trace the herd from the farrowing operation through to slaughter.	•	•	•	•	•	•

STANDARD		Step Level					
		1	2	3	4	5	5+
<b>9.8 Traceability and Chain of Custody <i>Continued</i></b>							
9.8.2	Operations must create an Off-farm Animal Transport record OR incorporate the following 5-Step® certificate info below into an existing trucking sheet/bill of lading: <ul style="list-style-type: none"> <li>a. step-rating;</li> <li>b. certificate number;</li> <li>c. certificate expiry date;</li> <li>d. indicate if transport is Operation-to-Operation, Operation-to-collection point/assembly yard, collection point/assembly yard-to-processing or Operation-to-processing;</li> <li>e. any deviations granted including the standard number and length of approval.</li> </ul>	•	•	•	•	•	•
9.8.3	Each Step-rated operation must complete and include a copy of the Off-farm Animal Transport record or company trucking sheet/bill of lading with each shipment of hogs transported to the processing facility.	•	•	•	•	•	•
9.8.4	Each Step-rated operation must complete and include a copy of the Off-farm Animal Transport record or company trucking sheet/bill of lading when shipping hogs off the operation to another Step-rated operation (e.g. from a farrowing operation to a nursery/weaner operation etc.).  For operations supplying producer groups, where the producer group records and maintains this information, the producer group must complete and maintain a record of shipments from each operation.	•	•	•	•	•	•
9.8.5	A copy of the Off-farm Animal Transport record or company trucking sheet/bill of lading from each shipment of hogs must be kept (for every certified operation) for review by the auditor at re-inspection.	•	•	•	•	•	•

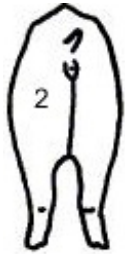
## 10 SLAUGHTER REQUIREMENTS

STANDARD		Step Level					
		1	2	3	4	5	5+
10.1 General Requirements							
10.1.1	All animals must be stunned and rendered insensible prior to slaughter.	•	•	•	•	•	•
10.1.2	All operations holding a current 5-Step® certificate, where animals will be marketed as Step-rated, must be slaughtered at a slaughter facility that has passed and holds a current annual third party animal welfare audit using the American Meat Institute’s <i>Recommended Animal Handling Guidelines and Audit Guide</i> (July 2013 edition), where the plant must pass all the core criteria and all secondary criteria, and have an overall minimum score of 90%.	•	•	•	•	•	•
	①[10.1.2]: Operations, or the affiliated group (i.e. a producer group, co-operative, marketing entity), must provide a complete copy of the current third party animal welfare audit to the certifier to verify this standard. GAP certifiers will review the core criteria of the current audit and assess eligibility to meet this standard. ① [10.1.2]: The animal welfare slaughter audit does not have to be conducted by a GAP approved certification company. Operations and suppliers are encouraged to check with their retail partners to ensure the certifier used for their slaughter audit is in compliance with the retailer’s buying requirements.						
10.2 Segregation and In-plant Traceability							
10.2.1	Slaughter facilities must provide a copy of their written in-plant segregation and traceability protocol outlining how Step-rated animals, and differing Step-ratings if applicable, are kept segregated from non-Step-rated animals and product.	•	•	•	•	•	•
10.2.2	Animals must be processed on-farm using an on-farm slaughter facility or a mobile slaughter unit.						•

## Appendix I: Body Condition Scoring Scale

The following body condition scoring system is courtesy of AssureWel ([www.assurewel.org](http://www.assurewel.org)).

Visually assess from the side and behind. Manual assessment can help distinguish borderline scores.



1 EMACIATED	2 THIN	3 IDEAL	4 FAT	5 OVERLY FAT
Ribs, spine, H and pin bones obvious	Ribs, spine, H and pin bones easily detected with pressure	Ribs, spine, H and pin bones barely visible or barely felt with firm pressure	No detection of ribs, spine, H or pin bones and cannot be felt even when pressure is applied.	No detection of ribs, spine, H or pin bones and cannot be felt even when pressure is applied. Fat deposits clearly visible.

## Appendix II: Lameness Scoring

The following lameness identification system is courtesy of AssureWel ([www.assurewel.org](http://www.assurewel.org)).

Lameness should be measured in both the breeding herd (including any replacement animals) and market animals. When walking or scanning the pens, any pig observed to meet the following criteria should be marked as exhibiting lameness. Randomly select 4-5 pens of breeding animals and market animals to conduct the assessment. Ensure that the sample is not just formed of pigs already standing.

### Criteria:

When identifying lame pigs, include those which are:

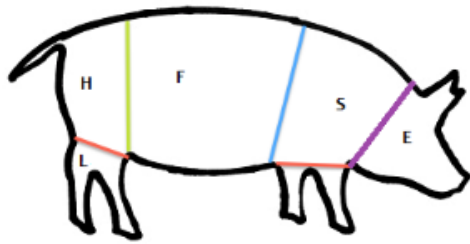
- standing but not bearing full weight on the affected limb and/or appears to be standing on its toes; and/or
- walking with a shortened stride with minimum weight-bearing on the affected limb and a swagger of the hindquarters (may still be able to trot or gallop); and/or
- severely lame with no weight-bearing on the affected limb. These may also need to be recorded under 'pigs needing further care'.
- **do not include pigs that are showing only stiffness or uneven gait.**









## Appendix III – Lesion Scoring

The following lesion scoring system is courtesy of AssureWel ([www.assurewel.org](http://www.assurewel.org)).

Randomly select 4-5 pens of breeding animals and market animals to conduct the assessment. If you observe >25% with marks in any of the following areas on any animal(s), record as observed in each affected body region.




### Scoring Body Marks

0	<b>MINIMAL</b>	No lesions or less than mild lesions as described below		
1	<b>MILD</b>	A linear lesion longer than 4 inches (10cm); OR 3 or more 1 inch (3cm) lesions; OR a circular area larger than 0.4 inches (1cm) diameter but less than 2 inches (5cm) diameter.  Definition of lesion includes grazed/broken skin, fresh (i.e. bleeding) wounds and healing lesions (scabs). Scar tissue is not included.		
2	<b>SEVERE</b>	Circular Lesion or area of lesions $\geq$ 2 inches (5cm) diameter; OR lesion extends into deeper layers of skin; OR the lesions cover a large percentage (>25%) of the skin.		

### Scoring Shoulder Lesions

0	<b>NONE</b>	No skin damage on the shoulder	
1	<b>MILD</b>	Grazed or broken skin or swelling on the shoulder	
2	<b>SEVERE</b>	Grazed or broken skin or swelling on the shoulder. Deep tissue injury – these may also be recorded under pigs needing further care	

### Scoring Vulva Lesions










0	<b>NONE</b>	No damage to vulva	
1	<b>MILD</b>	Recent damage to the vulva including fresh or scabbed bite wounds but not including old scarring.	
2	<b>SEVERE</b>	Vulva lesion >1 inch (3cm) length or 0.4 inches (1cm) diameter. Deep tissue injury – these may also need to be recorded under 'Pigs needing further care'.	

## Appendix IV: Tail Lesion Scoring

The following tail lesion scoring system is courtesy of AssureWel ([www.assurewel.org](http://www.assurewel.org)).

Look at the animal from behind. Investigate carefully if the tail is swollen or shorter than normal (including missing the tip) and for scabs and lesions.

Make a note if the tail is too dirty to assess.

Scoring Tail Lesions					
0	MINIMAL	The tail is unmarked or has circular lesions <0.2 inches (0.5cm) diameter or linear lesions < 0.4 inches (1cm) in length			
1	MILD	The tail has a circular lesion ≥0.2 inches (0.5cm) diameter or a 0.4 inches (1cm) linear scratch (including small scratches and scrapes, swelling, fresh blood or scabs visible on any part of the tail)			
2	SEVERE	The tail is more severely bitten – at least a proportion of the tail missing, tail swollen or held oddly, scab covering whole tip.			

## Appendix V: Sensory Evaluation of Air Quality

Most operations do not use calibrated equipment to assess air quality on a daily basis. While this type of specialized equipment is an accurate way to measure air quality, it's typically too costly for everyday use. Below is a subjective score that can be used to assess air quality during daily monitoring.

Scores 2-5 (Moderate, Strong, Very Strong, and Overpowering) indicate that ammonia and dust are excessive and need to be addressed immediately for both human safety and animal health.

Technique:

1. score air quality twice during each visit - when you first enter the barn (first impression), and then just prior to leaving the barn;
2. record your air quality score;
3. make any necessary adjustments to ventilation, management, etc. to improve air quality in your barn(s).

Scoring Air Quality			Action Required?
0	ZERO	odor and dust not noticeable (easy to breathe)	No - acceptable air quality
1	WEAK	odor and dust hardly noticeable	
2	MODERATE	odor and dust distinct, annoying (watery eyes and/or coughing)	Yes – needs work to improve air quality
3	STRONG	odor and dust irritating (stinging eyes and mouth, and/or excessive coughing)	
4	VERY STRONG	odor and dust bearable (stinging eyes and mouth, excessive coughing, and/or pain when swallowing)	
5	OVERPOWERING	odor and dust unbearable, you need to leave the barn (hurts to breathe in)	

## Glossary

Term	Definition
Assembly yard	<i>A location where producers deliver pigs. Pigs are then shipped from this location to the processing plant. Also known as a collection point.</i>
By-product	<i>Animal waste and products derived from slaughter/harvest process including blood or any of its components, meat, bone, bristles, flesh, hair, hides, hooves, horns, offal, skins, wool, fat, feather, and fish. Fish includes whole fish, parts of fish, fish meal, fish by-products from the processing industry and other aquatic species and/or products (does not include seaweed or oyster shell).</i>
Collection points	<i>A location where producers deliver pigs. Pigs are then shipped from this location to the processing plant. Also known as an assembly yard.</i>
De-tusk	<i>De-tusking is either total removal of the tusk or an extreme form of trimming where the tusk is cut back right to the gum line.</i>
Development gilts	<i>Young female pigs being prepared for breeding (includes feeding, vaccinations etc).</i>
Disk rings	<i>Rings applied to the rim of the snout/rooting disk.</i>
EID tag	<i>Electronic Identification - an ear tag (or a bolus) that is capable of transmitting a short-range signal with the animal's unique ID to an electronic reader. See also RFID.</i>
Ear notching	<i>Small, usually triangular, section(s) cut out of the edge of a pig's ear in order for identification.</i>
Environmental enrichment	<i>Materials that are provided to pigs to add complexity to their environment, encourage the expression of natural behavior(s) (such as rooting, exploration and play behavior), and decrease the expression of abnormal and deleterious behaviors such as tail biting.</i>
Farrowing crate	<i>A confined space designed to house a single sow with her litter. Crates are designed to fit around the sow's body and restrict the sow's movement. The sow can stand up and lie down but cannot turn around.</i>
Farrowing hut	<i>Found in outdoor systems and is defined as a shelter or structure with a roof located in an outdoor area or pasture, designed for an individual sow and her piglets, that allows the sow to come and go freely.</i>
Farrowing pen	<i>Found in indoor systems and is defined as an area for an individual sow and her piglets. The sow can stand up, lie down and turn around at free will. This is not the same as a farrowing crate.</i>
Feeding stalls	<i>An individual feeding space that can be closed during feeding. A management approach to control feed intake and protect sows from bullying during feeding in a group system.</i>
Genetically modified	<i>Pigs who have been genetically altered (modified, engineered) or cloned. This does not include pigs that are genetically selected for certain traits.</i>
Gestation stall	<i>A confined space designed to house a single sow during pregnancy. Stalls are designed to fit around the sow's body and restrict the sow's movement. The sow can stand up and lie down but cannot turn around.</i>
Lameness	<i>Lameness is the inability to use one or more limbs in a normal manner.</i>
Mortality	<i>A record of animals that have died. This does not include animals that are culled.</i>
Non-ambulatory	<i>Pigs unable to stand unaided and bear weight on each leg. Also known as downers.</i>

Nose ringing	<i>Insertion of a ring into the nose of an animal with the intention of preventing excessive pasture damage.</i>
Nursery pig	<i>A post-weaned animal that is a maximum of 55lbs (25kgs) or a maximum of 12 weeks old.</i>
Off-label / extra-label medication	<i>Off-label use is the use of pharmaceutical drugs for an unapproved indication or in an unapproved age group, unapproved dosage, or unapproved form of administration.</i>
Organophosphates	<i>A chemical compound often used as a pesticide, which has been shown to have adverse effects on the nervous system of humans and animals.</i>
Outdoor access	<i>An outdoor area such as a dry lot, concrete pad, or pasture, but does not have to be pasture.</i>
Pasture	<i>Access to rangeland, grassland, planted pastures, managed pastures, wooded areas, harvested crop areas (for clean-up), and any other land where pigs have access to vegetation.</i>
RFID tag	<i>Radio Frequency Identification – an ear tag (or a bolus) that is capable of transmitting a short-range signal with the animal's unique ID to an electronic feeder.</i>
Septum ring	<i>Ring applied through the septum of the nose.</i>
Slap marking	<i>Form of temporary tattoo applied to the shoulder and/or hip.</i>
Slatted floor	<i>Flooring that has one or more open space(s) to allow drainage of urine and feces.</i>
Smidley hut	<i>Type of movable farrowing house for outdoor use.</i>
Sub-therapeutic	<i>Administering treatment when animals are not sick; this includes low doses of medication over an extended period of time.</i>
Tail dock	<i>Removal of any part of the tail.</i>
Tattooing	<i>Form of identification.</i>
Teeth clipping	<i>Cutting all or part of a piglet's incisor/needle/eye/wolf/milk teeth using clippers/pliers.</i>
Teeth filing	<i>Filing all or part of a piglet's incisor/needle/eye/wolf/milk teeth using a file.</i>
Teeth grinding	<i>Grinding all or part of a piglet's incisor/needle/eye/wolf/milk teeth using an electric grinder.</i>
Tethering	<i>A method of restraining or tying up an animal.</i>
Wet-dry feeding	<i>Wet/dry feeder systems are where water and feed are provided separately to the feeder and the pig chooses how much of each it will take.</i>