

MANDATORY COMPONENTS





PigSAFE | PigCARE

MANDATORY PROGRAMS ELEMENTS

This section summarizes all the mandatory elements of the PigSAFE \mid PigCARE Programs. This checklist facilitate the preparation of a program validation.

Prior to your first validation make sure to prepare the following Records and Standard Operating Procedures (SOPs). For additional details see the corresponding section for each required element.

MANDATORY RECORDS

Recor	d Names	Section	Checklist
R-1	Verification Record	4.2; 4.4; 4.5; 5.3; 5.4	
R-2	Incident Report (if applicable)	4.2; 4.4; 4.5; 5.3; 5.4	
R-3	Corrective Action Request (when applicable)	Introduction element 7.3	
R-A R-A1	Personnel and Responsibilities List or Personnel Tasks and Training List	1.1	
R-B	Training Record	1.1	
R-C	Code of Conduct	1.1	
R-G	Swine Movement Document	3.1	
R-M	Mortality Record	6.3	
R-N	Animal-Based Measures Record (if applicable)	7.3	
R-P	Medication and Vaccine Usage Plan	5.1	
R-R	Rations Used On-Farm Record	3.2	
R-S	Feed Sequencing, Mixing and Distribution Record	4.4	
R-T	Treatment Record	5.1	
R-W	Letter of Guarantee – Recycled Food Products/Distillers' Grains	3.3	
R-X	Calibration Record (if applicable)	4.4	
R-Y	Letter of Guarantee – Licensed Veterinarian	5.1	
R-Z	Space Allowance Record (nursery and grow/finish barns only)	7.3	

MANDATORY STANDARD OPERATING PROCEDURES (SOPs)

SOP No	umbers and Names	Checklist
2.2.1 2.2.2	Sanitation SOP and/or Alternative Cleaning SOP	
4.2	Medicated Water	
4.4	Feed Sequencing, Mixing and Distribution	
4.5	Feed Distribution	
5.2	Needles and Injections	
5.3	Risk Management of Broken Needles	
5.4	Medication Withdrawal	
6.1.1 6.1.2	Pest Management – With an Exterminator or Pest Management – In-House	
7.6	Care of Sick and Injured Pigs	
7.7.1	Farrowing Room	
7.7.2	Newly Weaned Pigs	
7.8	Elective Husbandry Procedures	
7.10	Euthanasia	
7.11	Emergency Procedure	
9.2	Humane Transportation	

OTHER DOCUMENTS THAT MUST BE VERIFIED DURING THE VALIDATION

Other Documents, if applicable	Section	Checklist
Prescription(s)	3.2; 4.2; 4.4; 4.5; 5.1; 5.4; 10.2	
Feed Delivery Slips	3.2	
Written Assurance for Wood Shavings (if wood shavings are used on-farm)	3.4	
Material Safety Data Sheet (MSDS) for livestock markers and tattoo ink	3.5	
Water Test Result (if applicable)	4.1	
Sow Cards	5.1	
Cats Vaccine Certificate for rabies and invoice or certificate to confirm they are neutered or spayed	10.3	

? AUDIT QUESTIONS LIST

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Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A
MODUL	E 1: PERSONNEL TRAINING					
Q1.1.1	Has the site manager completed the PigSAFE PigCARE training, either online or with a certified trainer?					
Q1.1.2	Is the site manager keeping a Personnel and Responsibilities List (R-A) on file?					
	Has the site manager trained and maintained an up-to-date training file that includes the following information for each worker:	ng				
Q1.1.3	a. Record R-B: Training Record					
	b. Record R-C: Code of Conduct					
Q1.1.4	Has the site manager participated in continuing education at least once every three years?					
Q1.1.5	Have all personnel been trained on the food-safety Critical Control Points associated with their production areas?					
Q1.1.6	Have all personnel been trained on the animal care Critical Points associated with their production area?					
MODUL	E 2: BARN MAINTENANCE AND SANITATION					
Q2.1.1	Are the barns that are used to house pigs free of obvious deterioration that could interfere with the production of safe pork?					
Q2.1.2	Are the ventilation, heating and cooling systems maintained adequately?					
Q2.1.3	Are the housing system or other areas accessible to pigs free from any treated wood?					
Q2.2.1	a. If the Sanitation SOP is used, does it include: i. at least one cleaning measure? ii. at least one washing measure? iii. at least one disinfection measure? If a sanitation program does not include cleaning, washing					
42.2.1	If a sanitation program does not include cleaning, washing and disinfection, go to question 2.2.1b, below.					
	b. If the Alternative Cleaning SOP is used, does it include:i. at least one cleaning measure?ii. at least one disinfection measure?					
Q2.2.2	Is the Sanitation SOP and/or the Alternative Cleaning SOP applied at least once every 12 months in every section of the barn(s)?					

			V	erificatio	n	
Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A
Q2.2.3	Are feeding and feed storage areas and any areas that pigs can access (including alleyways) free from chemicals products (e.g., pesticides and disinfectants)?					
Q2.2.4	Are measures to minimize contamination of the feeding area by urine or feces in place?					
Q2.3.1	Is there adequate drainage in all areas of the barn?					
	For production units using bedding:					
Q2.3.2	a. Are the bedded pens kept dry?					
	b. Is the bedding and the manure removed at least once a year and stored away from the pigs?					
MODUL	E 3: INPUTS					
Q3.1.1	Have the Swine Movement Documents (R-G) from all incoming pigs been kept on file, and do they include all required elements?					
Q3.1.2	Are all incoming pigs sourced from PigSAFE PigCARE registered farms or from a farm registered with a recognized on-farm food safety program?					
Q3.2.1	Does the Ration Used On-Farm Record include all PigSAFE-required elements?					
Q3.2.2	Is the Ration Used On-Farm Record up to date?					
Q3.2.3	a. Do the feed medications and dosages used comply with the manufacturer's label or the veterinarian's prescription?					
Q3.2.3	b. Do the withdrawal periods comply with the manufacturer's label or the veterinarian's prescription?					
Q3.2.4	Are copies of feed medication prescriptions available for all extra-label drug usage?					
Q3.2.5	Have feed delivery slips been checked and signed by designated personnel and kept on file for a minimum of 12 months or since the last validation?					
Q3.2.6	Are pigs only given feed that has not come into contact with raw meat and that contains no raw or cured meat products?					
Q3.3.1	If recycled food products and/or distillers' grains are used on-farm, has the supplier completed the letter of guarantee and a copy is kept on file on-farm?					
Q3.3.2	If a registration number is required, has it been included on the letter of guarantee?					

		Verification					
Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A	
Q3.4.1	If wood-based bedding (e.g., wood chips, sawdust) is used for housing, has the site manager received written assurance that the bedding is free of PCPs, chromated copper arsenate and other wood-preserving agents?						
Q3.5.1	Are livestock markers (crayon and spray) and topical wound treatments used on-farm free from these substances: a. crystal violet b. leucocrystal violet c. brilliant green d. leucomalachite green e. malachite green						
Q3.5.2	Are the livestock tattoo inks and markers used on-farm approved for food animals?						
MODUL	E 4: FEED AND WATER						
If the ba	rn is supplied by municipal water, answer "Compliant."						
	rn is not supplied by municipal water, answer "N/A" plete questions Q4.1.2 and Q4.1.3.						
Q4.1.1	If the barn is not supplied by municipal water, was a water test performed in the last 12 months and were all required elements included?						
Q4.1.2	 a. Is the water test result for nitrate levels at or below 300 mg/L (300 ppm)? i. If the test result exceeds 300 mg/L (300 ppm), has an action plan been established? b. Is the water test result for total coliform at or below 10 CFU/100 mL? ii. If the test result exceeds 10 CFU/100 mL, has an action plan been established? 						
Q4.1.3	Are the water disinfectant(s) or additive(s) used to treat water approved for use in food animals?						
Q4.2.1	Is water-administered medication used on-farm? (If not, go to Section 4.3)						
Q4.2.2	Are water-administered medications and vaccines recorded on the Treatment Record?						
Q4.2.3	Are water-administered medications and vaccines recorded on the Medication and Vaccine Usage Plan?						

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Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A			
Does the Medicated Water SOP include the following:									
	a. The protocol with all PigSAFE-required elements?								
Q4.2.4	b. The deviation measures describing what to do if something goes wrong?								
	c. The verification measures?								
Q4.2.5	Has a Medicated Water SOP (SOP4.2) been implemented adequately?								
	Are the farm areas used for storing and mixing feed and/or feed in	ngredient	s:						
	a. clean and adequately maintained?								
Q4.3.1	b. kept dry?								
	c. free of significant contamination from bird or animal feces?								
	d. free of chemical contaminants (e.g., pesticides, cleaning and disinfection products, oils, fertilizers)?								
	Are all of the following items clearly identified:								
0433	a. feed and feed ingredient bins?								
Q4.3.2	b. feed distribution and transfer lines?								
	c. other feed transfer systems (e.g., switches, carts, pails)								
Q4.4.1	Is feed that is batch-mixed (including feed for other species) and sequenced being recorded on a Feed Sequencing, Mixing and Distribution Record?								
	Does the Feed Sequencing, Mixing and Distribution SOP include:								
04.60	a. the protocol?								
Q4.4.2	 b. deviation measures describing what to do if something goes wrong? 								
	c. the verification measures?								
Q4.4.3	Has the Feed Sequencing, Mixing and Distribution SOP (SOP 4.4) been adequately implemented?								

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Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A				
	Does the Feed Distribution SOP include:									
	a. the protocol?									
Q4.5.1	 the deviation measures describing what to do if something goes wrong? 									
	c. The verification measures?									
Q4.5.2	Has the feed distribution SOP been adequately implemented?									
MODUL	E 5: PHARMACEUTICALS AND MEDICAL SUPPLIES									
	a. Is a valid veterinarian-client-patient relationship established?									
Q5.1.1	 Are all prescription drugs that are used on-farm prescribed by a veterinarian licensed to practice in your province or territory with whom you have a valid veterinarian-client-patient relationship? 									
	Is the PigSAFE Vaccines and Drug Use Policy respected and implemented?									
	a. If applicable, are copies of prescriptions available and do they indicate the withdrawal periods to be respected for all veterinary drugs labelled and extra labelled?									
	 Are written directions available for the use of all veterinary drugs? 									
Q5.1.2	c. Are all veterinary drugs used on-farm either labeled for pigs in Canada or labelled for another food producing animal in Canada?									
	d. Are all APIs used on-farm compliant with Health Canada Regulations?									
	e. Are all veterinary drugs, including Active Pharmaceutical Ingredients (APIs) only used if a withdrawal period has been established by the Canadian Global Food Animal Residue Avoidance Databank (CgFARAD)?									
Q5.1.3	Does the Medication and Vaccine Usage Plan (R-P) include all PigSAFE-required elements?									
Q5.1.4	Does the Treatment Record (R-T) include all PigSAFE-required elements?									

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Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A
Q5.1.5	 Are individual and group treatments for all animals beyond weaning (including breeding stock) recorded on the Treatment Record (R-T)? 					
	b. If treatments are recorded on the sow cards, are the required elements recorded?					
Q5.2.1	Is a Needles and Injections SOP in place that includes all the PigSAFE-required elements?					
Q5.2.2	Has the Needles and Injections SOP been adequately implemented?					
Q5.2.3	Are only detectable needles being used at this site?					
Q5.3.1	Are pigs that have (or are suspected to have) broken needle fragments and have not been euthanized recorded on a Treatment Record?					
	Does the Risk Management of Broken Needles SOP (SOP 5.3) incl	ude:				
05.00	a. the protocol with all PigSAFE-required elements?					
Q5.3.2	 the deviation measures describing what to do if something goes wrong? 					
	c. the verification measures?					
Q5.3.3	Is the Risk Management of Broken Needles SOP (SOP 5.3) adequately implemented?					
	Does the Medication Withdrawal SOP include:					
05.44	a. the protocol?					
Q5.4.1	 the deviation measures describing what to do if something goes wrong? 					
	c. the verification measures?					
Q5.4.2	Has the Medication Withdrawal SOP been adequately implemented?					

		Verification							
Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A			
MODULE 6: PESTS, DOMESTICATED ANIMALS AND DEAD STOCK CONTROLS									
	a. Has a Pest Management SOP for the control of rodents and birds (whether completed by a licensed exterminator or in-house) been developed and does it include the PigSAFE-required elements?								
Q6.1.1	b. Has the Pest Management SOP (whether completed by a licensed exterminator or in-house) been adequately implemented on-farm?								
	c. Has the Pest Management SOP (whether completed by a licensed exterminator or in-house) been adequately implemented in the on-farm feed mill?								
Q6.1.2	If the Pest Management SOP is implemented by a licensed exterminator, does it include the PigSAFE-required elements?								
Q6.2.1	Are barns/buildings or on-farm feed mill free from domesticated animals (other than pigs)? If no, answer N/A and go to question 6.2.2.								
Q6.2.2	If other domesticated animal are kept in the same barn, has Section 10.3 Multiple Species Certification been completed?								
Q6.3.1	Are dead pigs removed from the pen as soon as reasonably possible?								
Q6.3.2	Are mortalities recorded?								
MODUL	E 7: PigCARE								
Q7.1.1	Does 1% or less of the sampled breeding stock have a body condition score of less than 2?								
Q7.1.2	Is 1% or less of the sampled breeding stock severely lame?								
Q7.1.3	Does 5% or less of the sampled breeding stock have injuries?								
Q7.1.4	Do 1% or less of the sampled suckling pigs have a body condition score of less than 2?								
Q7.1.5	Are 1% or less of the sampled suckling pigs severely lame?								
Q7.1.6	Do 5% or less of the sampled suckling pigs have injuries?								
Q7.1.7	Do 1% or less of the sampled non-breeding pigs have a body condition score of less than 2?								
Q7.1.8	Are 1% or less of the sampled non-breeding pigs severely lame?								

		Verification						
Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A		
Q7.1.9	Do 5% or less of the sampled non-breeding pigs have injuries?							
Q7.2.1	Do pigs have daily access to feed?							
Q7.2.2	Do pigs have access to suitable water in sufficient quantity to meet their needs?							
Q7.2.3	If a liquid-feeding system is being used, is supplemental water provided as needed?							
Q7.2.4	Are measures taken when breeding stock become overweight?							
Q7.3.1	Is the flooring and equipment in the pig housing areas in a condition that does not pose an immediate risk of injuring the pigs?							
Q7.3.2	Are pigs housed in a system that does not use tethers to routinely house them?							
Q7.3.3	Are farrowing crates sized according to Pig Code of Practice requirements?							
Q7.3.4	Are individual sow stalls sized according to Pig Code of Practice requirements?							
Q7.3.5	Are individual boar stalls sized according to Pig Code of Practice requirements?							
Q7.3.6	Are boars housed in stalls provided with opportunities to exercise at least four times a week?							
Q7.3.7	For holdings of bred gilts and sows that are newly built or rebuilt or brought into use for the first time after July 1, 2014, are the Group Sow Housing Certification requirements met?							
Q7.3.8	For holdings that are newly built or rebuilt or brought into use for the first time after July 1, 2014, are boars provided with sufficient space so that they can turn around?							
Q7.3.10	Has a space allowance record been completed for all nursery pens?							
Q7.3.11	Are all nursery pigs provided with sufficient space according to the Code of Practice requirements?							
Q7.3.12	Has a space allowance record been completed for all grow/finish pens?							
Q7.3.13	Are all grow/finish pigs provided with sufficient space according to the Code of Practice requirements?							

		Verification					
Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	N/A	
	 a. Is the temperature suitably controlled at all stages of production? 						
Q7.4.1	 b. Is the ventilation adequately controlled at all stages of production? 						
	 Is an adequate amount of lighting provided at all stages of production? 						
Q7.5.1	Are two or more enrichment options provided to pigs in all types of housing?						
Q7.6.1	Has an SOP for the Care of Sick and Injured Pigs been developed in consultation with a licensed veterinarian that includes all PigCARE-required elements?						
Q7.6.2	Is the Care of Sick and Injured Pigs SOP adequately implemented on-farm?						
Q7.6.3	Does the site have the ability to segregate sick or injured pigs in a separate area?						
Q7.7.1	Has a Farrowing Room SOP been developed that includes all required elements?						
Q7.7.2	Has a Farrowing Room SOP been adequately implemented?						
Q7.7.3	Has a Newly Weaned Pigs SOP been developed that includes all required elements?						
Q7.7.4	Has the Newly Weaned Pigs SOP been adequately implemented?						
Q7.8.1	Have SOPs been developed for all elective husbandry procedures that are performed on-farm and do they include all required elements?						
Q7.8.2	Are the SOPs for elective husbandry procedures adequately implemented?						
Q7.9.1	Are personnel responsible for handling, moving and restraining animals trained in low-stress pig-handling techniques?						
Q7.9.2	If electric prods are used, are they used according to Pig Code of Practice requirements?						
Q7.10.1	Has an on-farm Euthanasia SOP been developed in consultation with a licensed veterinarian, and includes all required elements?						
Q7.10.2	Is the Euthanasia SOP adequately implemented on-farm?						
Q7.11.1	Has an emergency plan been developed in case of a power failure, mechanical breakdown, water interruption or contamination and other emergencies relevant to the farm's location that includes all required elements?						

		Verification						
Q#	Audit Questions	Compliant	NC- Minor	NC- Major	NC- Critical	١		
MODUL	E 9: TRANSPORTATION							
Q9.2.1	Has a humane transportation SOP been developed that includes all PigCARE-required elements?							
Q9.2.2	Are loading and unloading facilities constructed and maintained to facilitate ease of movement and to prevent pigs from falling off, escaping or being injured?							
0.11	Audit Questions	Verification						
Q#		Compliant	NC- Minor	NC- Major	N/A			
MODUL	E 10: OTHER CERTIFICATION PROGRAMS							
10.2	Outdoor Access Certification							
Q10.2.1	Have personnel consulted the fact sheets on <i>Toxoplasma</i> and <i>Trichinella</i> and do they understand the risks associated with these parasites?							
	a. Are the barns or housing structure used to house pigs free of obvious deterioration that could interfere with the production of safe pork?							
Q10.2.1	b. Are the ventilation, heating and cooling systems adequately maintained?							
	c. Are the housing system and other areas accessible to pigs free from any treated wood?							
	a. If the Sanitation SOP is used, does it include:i. at least one cleaning measure?ii. at least one washing measure?iii. at least one disinfection measure?							
Q10.2.3	If a sanitation program does not include cleaning, washing and disinfection, go to question 10.2.3 b, below.							
	b. If the Alternative Cleaning SOP is used, does it include:i. at least one cleaning measure?ii. at least one disinfection measure?							
	c. Is the Sanitation SOP and/or the Alternative cleaning SOP applied at least once every 12 months to all solid flooring and penning in the barn(s) or housing structure(s)?							

Q#	Audit Questions	Verification				
		Compliant	NC- Minor	NC- Major	N/A	
Q10.2.4	a. Has a Pest Management SOP for the control of rodents and birds (whether completed by a licensed exterminator or in-house) been developed and include all the PigSAFE- required elements?					
	b. Has the Pest Management SOP (whether completed by a licensed exterminator or in-house) been adequately implemented on-farm?					
	c. Has the Pest Management SOP (whether completed by a licensed exterminator or in-house) been adequately implemented in the on-farm feed mill?					
	d. If the Pest Management SOP is implemented by a licensed exterminator, does it include the PigSAFE-required elements?					
	e. Are outdoor feeding areas designed, maintained and kept clean to prevent pest and wildlife from accessing them?					
Q10.2.5	Is the Multiple-Species Certification (section 10.3) completed?					
Q10.2.6	Is the usage of nose rings prohibited on-farm?					
Q10.2.7	Are measures in place to ensure that pigs are protected from hypothermia, hyperthermia and sunburn?					
Q10.2.8	Do all areas of the barn and/or outdoor housing structure have adequate drainage to prevent accumulation of stagnant water and/or manure and provide a dry resting area?					
Q10.2.9	a. Has an SOP that describes how pigs are protected from parasites been developed in consultation with a licensed veterinarian?					
	b. Has an SOP that describes how pigs are protected from parasites been adequately implemented?					
Q10.2.10	Are appropriate measures in place to prevent predators and wildlife from accessing the outdoor pens and pasture?					

Q#	Audit Questions	Verification					
		Compliant	NC- Minor	NC- Major	N/A		
10.3	Multiple Species Certification						
Q10.3.1	Have the following measures been implemented if cats are kept in the barn or on site:						
	a. Have personnel received training on the additional risks associated with having cats in the barn and on implementing good production practices to mitigate the risk of toxoplasmosis?						
	b. Have the cats been vaccinated for rabies?						
	c. Are only mature and neutered cats allowed in the barn and near the on-farm feed mill?						
	d. Are feed carts and feeders covered?						
	e. Is the cat litter located in an area accessible only to cats (and people) and kept clean?						
Q10.3.2	Are dogs kept out of the barn/building and/or on-farm feed mill?						
Q10.3.3	Have measures ensuring that wildlife is kept out of the barn/building and the on-farm feed mill been implemented?						
Q10.3.4	For cattle, other ruminants, horses and other non-avian species:						
	a. Are cattle, other ruminant and horses penned separately from pigs?						
	b. Has an SOP that includes how the manure-management system can mitigate the cross-contamination of pathogens been adequately implemented?						
Q10.3.5	For poultry, fowl, and other avian species:						
	 Are poultry, fowl, and other avian species housed in a room that is separate from the pigs? 						
	b. Has an SOP that includes how the ventilation and manure-management systems can mitigate the cross-contamination of pathogens been adequately implemented?						

Q#	Audit Questions	Yes	No	N/A	
10.4	Group Sow Housing Certification				
Q10.4.1	If this producer is using a sow management system in continuous flow (other than a batch farrowing system), is the actual percentage of bred gilts and sows in pens in the breeding and gestation area(s) greater than or equal to 60%?				
Q10.4.2	If this producer is using a batch farrowing system, is the actual percentage of bred gilts and sows in the pens in the breeding and gestation area(s) greater than or equal to 50%?				
Q10.4.3	Are all group-housed sows provided with sufficient space for separation of dunging area from lying and feeding areas?				