



TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

National Assessment

for

ANIMAL PRODUCTION NC II
(Swine)

SELF - ASSESSMENT GUIDE

Reference. No.																		
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SELF ASSESSMENT GUIDE

Qualification:	ANIMAL PRODUCTION (Swine) NC II		
Unit of Competency:	Handle breeders		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
<ul style="list-style-type: none"> • Isolate newly arrived stocks in quarantine pens and observe for a period prescribed by veterinary. 			
<ul style="list-style-type: none"> • Give standard vaccines and medication for animals. 			
<ul style="list-style-type: none"> • Acclimatize animals through vaccination depending in areas of the disease outbreak.* 			
<ul style="list-style-type: none"> • Select suitable breed based on industry standards and choice of enterprise.* 			
<ul style="list-style-type: none"> • Select female stock based on industry standards and choice of enterprise. 			
<ul style="list-style-type: none"> • Select male stock based on industry standards, breeding objective and choice of enterprise. 			
<ul style="list-style-type: none"> • Perform boar semen evaluation based on industry standards. 			
<ul style="list-style-type: none"> • Monitor signs of heat based on standards protocol.* 			
<ul style="list-style-type: none"> • Perform heat detection techniques following established protocol.* 			
<ul style="list-style-type: none"> • Breed sows/gilts using standard breeding procedures.* 			
<ul style="list-style-type: none"> • Select breeding system based on choice of enterprise. 			
<ul style="list-style-type: none"> • Train boar to mount a female or a dummy sow. 			

• Prescribe vaccines and medications given to boar.		
• Determine ideal weight and age according to industry standards.		
• Prepare and submit report on work outputs and updates to concerned person or authority according to industry practices.		
• Observe optimum boar to sow ratio following standard monitoring scheme.		
• Monitor signs of pregnancy according to standards protocol.*		
• Perform pregnancy diagnosis according to standard procedures.*		
• Perform periodic activities following work plan and breeding schedules.*		
• Feed stocks based on industry standards and production cycle.		
• Prepare production plan based on choice of enterprise.		
• Select non-performing breeders for culling based on industry standards.		
• Monitor changes in animal behavior following standard procedures and GAHP.		
• Update stock inventory according to established farm recording system.		
• Monitor and record breeding schedule following work plan.		
• Record and report production performance of breeders according to enterprise protocol.*		
I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
Candidate's Name & Signature	Date:	

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SELF ASSESSMENT GUIDE

Qualification:	ANIMAL PRODUCTION (Swine) NC II		
Unit of Competency:	Handle farrowing sows and sucklings		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
• Clean and disinfect farrowing stalls or pens following standard hygienic procedures.			
• Conduct bathing of sows following Good Animal Husbandry Practices (GAHP).*			
• Transfer to farrowing stalls or pens pregnant sows and gilts according to Animal Welfare Act.*			
• Determine feed intake on farm protocols.			
• Monitor signs of approaching farrowing.*			
• Prepare farrowing materials and supplies based on work requirements.*			
• Wear appropriate personal protective equipment (PPE) following Occupational Safety and Health Standard (OSHS).			
• Monitor farrowing problems following enterprise protocol.*			
• Adjust feed intake based on nutrient requirements of animals.			
• Assist sow and gilt manually when deemed necessary.			
• Perform newborn piglet activities according to GAHP.*			
• Dispose placenta and dead piglets properly according to farm protocol and DENR regulations.			

<ul style="list-style-type: none"> • Provide proper temperature/micro-climate based on the minimum requirements for the welfare of pigs and the code of Good Animal Husbandry Practices (GAHP). 		
<ul style="list-style-type: none"> • Ensure colostrums and milk intake based from GAHP. 		
<ul style="list-style-type: none"> • Inject iron preparations based on industry standards and manufacturer's specification. 		
<ul style="list-style-type: none"> • Perform castration when needed based on the minimum requirements for the welfare of pigs and the code of Good Animal Husbandry Practices (GAHP). 		
<ul style="list-style-type: none"> • Feed piglets based on farm protocols. 		
<ul style="list-style-type: none"> • Wean piglets based on industry standards. 		
<ul style="list-style-type: none"> • Give liquid energizers to underweight sucklings immediately after birth. 		
<ul style="list-style-type: none"> • Monitor changes in piglet behavior following enterprise protocol.* 		
<ul style="list-style-type: none"> • Monitor changes in fecal, odor, color and consistency of piglets according to industry standard procedures.* 		
<ul style="list-style-type: none"> • Monitor uniformity of litter based on enterprise requirements. 		
<ul style="list-style-type: none"> • Monitor sow discharges following instructions of veterinarian. 		
<ul style="list-style-type: none"> • Implement vaccination programs based on veterinary recommendation. 		
<ul style="list-style-type: none"> • Update farrowing card following enterprise procedures. 		
<ul style="list-style-type: none"> • Monitor farrowing schedules with reference to work plan. 		
<ul style="list-style-type: none"> • Record and report production performance to immediate authority.* 		
<ul style="list-style-type: none"> • Record and report technical performance following instructions of authority. 		

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SELF ASSESSMENT GUIDE

Qualification:	ANIMAL PRODUCTION (Swine) NC II		
Unit of Competency:	Raise weanlings		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
• Clean and disinfect pens based on farm specifications.			
• Adjust and supply materials and equipment.*			
• Group weaners based on farm specifications.			
• Transfer weaners in compliance with the Animal Welfare Act.			
• Feed animals according to farm specifications.			
• Clean pen regularly following standard hygienic procedures.			
• Provide proper temperature based on the minimum standards on the welfare of pigs and code of Good Animal Husbandry Practices (GAHP).			
• Check and adjust feeders to ensure proper functioning.*			
• Shift feed ration and gradually increased based on animal requirements.*			
• Provide fresh and clean water at all times (adlibitum).			
• Monitor changes in animal behavior.			
• Monitor changes in fecal, color, odor and consistency.			
• Monitor uniformity of litter following farm procedures.			

• Deworm weaners based on farm protocols.		
• Implement vaccination programs based on veterinary recommendations.		
• Update weaning records using standard enterprise.		
• Monitor weaning schedules.		
• Monitor and report production performance of weanlings according to enterprise procedures.*		
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SELF ASSESSMENT GUIDE

Qualification:	ANIMAL PRODUCTION (Swine) NC II		
Unit of Competency:	Produce finishers		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
• Select suitable starters for finishing based on preference of clients.			
• Clean and disinfect finishers building.			
• Adjust and supply materials and equipment according to work requirements.*			
• Group starters based on industry standards farm specifications.			
• Transfer starters based on the minimum standards on the welfare of pigs and code of Good Animal Husbandry Practices (GAHP).			
• Clean pen regularly following hygienic procedures.			
• Monitor and provide proper temperature based on the minimum standards on the welfare of pigs and code of Good Animal Husbandry Practices (GAHP).			
• Check and adjust height of drinkers to ensure proper functioning based on the minimum standards on the welfare of pigs and code of Good Animal Husbandry Practices (GAHP).			
• Provide enough floor space based on the minimum standards on the welfare of pigs and code of Good Animal Husbandry Practices (GAHP).			
• Isolate weak animals based on farm protocols.			
• Check and adjust feeders to ensure proper functioning.			
• Feed animals according to a standard feeding system.*			

<ul style="list-style-type: none"> • Adjust and shift feed ration based on farm protocols. 		
<ul style="list-style-type: none"> • Withdraw medicated feeds according to veterinarian instructions. 		
<ul style="list-style-type: none"> • Monitor changes in animal behavior following Animal Welfare Act and GAHP.* 		
<ul style="list-style-type: none"> • Monitor changes in posture of animal following Animal Welfare Act and GAHP.* 		
<ul style="list-style-type: none"> • Monitor changes in respiration of animal following Animal Welfare Act and GAHP.* 		
<ul style="list-style-type: none"> • Monitor changes in skin color following Animal Welfare Act and GAHP.* 		
<ul style="list-style-type: none"> • Monitor uniformity of stocks following enterprise protocol. 		
<ul style="list-style-type: none"> • Implement vaccination and medication programs based on veterinarian instructions. 		
<ul style="list-style-type: none"> • Perform weight estimation using standard protocols. 		
<ul style="list-style-type: none"> • Prepare and reserve marketable animals following marketing requirements and procedures. 		
<ul style="list-style-type: none"> • Prepare loading facility and ramp with reference to Animal Welfare Act. 		
<ul style="list-style-type: none"> • Move animals to loading facility following Animal Welfare Act. 		
<ul style="list-style-type: none"> • Clean and disinfect transportation vehicle in line with GAHP. 		
<ul style="list-style-type: none"> • Update finishing records following enterprise protocol. 		
<ul style="list-style-type: none"> • Monitor production parameters for finishers with reference to production requirements.* 		

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SELF ASSESSMENT GUIDE

Qualification:	ANIMAL PRODUCTION (Swine) NC II		
Unit of Competency:	Maintain healthy animal environment		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
• Maintain relative humidity, curtains and blowers according to production requirements and work plan.			
• Implement monitoring of temperature as contingency procedure in accordance with production requirements.*			
• Sustain air quality using sensory means identifying common air pollutants in accordance with DENR standards.*			
• Observe routine testing of water for disinfection in accordance to work plan and established protocols.*			
• Maintain ventilation management in accordance with animal requirements.			
• Dispose farm wastes properly to eliminate attracting vermin following enterprise procedures.			
• Apply appropriate chemicals to eliminate breeding grounds of mosquitoes following standard procedures and FPA guidelines.*			
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SELF ASSESSMENT GUIDE

Qualification:	ANIMAL PRODUCTION (Swine) NC II		
Unit of Competency:	Apply bio-security measures		
Instruction:			
<ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
• Identify and immediate threats to the health of the animal based on observation.*			
• Identify bio-security threats based on established organizational policy.*			
• Prepare supplies and materials and apply disinfectants according to standard operating procedures.*			
• Prepare and monitor regularly vehicle and foot vats according to standard operating practice.			
• Follow farm personnel and visitor's hygiene and sanitation of farm, based on standard operating practice.			
• Disinfect all types of vehicles and equipment entering the farm according to standard operating procedures.			
• Quarantine and vaccinate new stocks to be introduced into the herd according to standard operating procedures.*			
• Implement vaccination programs and health programs designed by veterinarian.			
• Collect and prepare samples for serological monitoring of notifiable diseases.			
• Follow preventive measures on notifiable diseases as declared by BAI based on industry and BAI standard.			
• Recommend medication and vaccination programs strictly by manufacturers and veterinarian.			
• Follow hygiene and sanitation of farm, farm personnel and visitors based on standard operating practice.*			

<ul style="list-style-type: none"> • Cull and isolate sick and unfit stocks in accordance to Animal Welfare Act and Standard Operating Procedure.* 		
<ul style="list-style-type: none"> • Dispose dead stocks and by-products using proper disposal method.* 		
<ul style="list-style-type: none"> • Clean and disinfect tools and equipment used in sick and dead animals. 		
<ul style="list-style-type: none"> • Communications with Supervising Veterinarian are done regularly following enterprise requirements. 		
<ul style="list-style-type: none"> • Collate and update appropriate records regularly in accordance with organizational policy.* 		
<ul style="list-style-type: none"> • Carry-out reporting to veterinarian or supervisor based on records. 		
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