



TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

National Assessment

for

ANIMAL PRODUCTION NC II

(Swine)

SELF - ASSESSMENT GUIDE

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Swine) NC II | |
| Units of Competency Covered: | 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 |
| • Isolate newly arrived stocks in quarantine pens and observe for a period prescribed by veterinary. | | |
| • Give standard vaccines and medication for animals. | | |
| • Acclimatize animals through vaccination depending in areas of the disease outbreak.* | | |
| • Select suitable breed based on industry standards and choice of enterprise.* | | |
| • Select female stock based on industry standards and choice of enterprise. | | |
| • Select male stock based on industry standards, breeding objective and choice of enterprise. | | |
| • Perform boar semen evaluation based on industry standards. | | |
| • Monitor signs of heat based on standards protocol.* | | |
| • Perform heat detection techniques following established protocol.* | | |
| • Breed sows/gilts using standard breeding procedures.* | | |
| • Select breeding system based on choice of enterprise. | | |
| • Train boar to mount a female or a dummy sow. | | |

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| • 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

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| Qualification: | ANIMAL PRODUCTION (Swine) NC II | | |
| Units of Competency Covered: | 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. | | | |

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| <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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Candidate's Name & Signature

Date:

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Swine) NC II | | |
| Units of Competency Covered: | 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. | | | |

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

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| Qualification: | ANIMAL PRODUCTION (Swine) NC II | | |
| Units of Competency Covered: | 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. | | | |

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| • Feed animals according to a standard feeding system.* | | |
| • Adjust and shift feed ration based on farm protocols. | | |
| • Withdraw medicated feeds according to veterinarian instructions. | | |
| • Monitor changes in animal behavior following Animal Welfare Act and GAHP.* | | |
| • Monitor changes in posture of animal following Animal Welfare Act and GAHP.* | | |
| • Monitor changes in respiration of animal following Animal Welfare Act and GAHP.* | | |
| • Monitor changes in skin color following Animal Welfare Act and GAHP.* | | |
| • Monitor uniformity of stocks following enterprise protocol. | | |
| • Implement vaccination and medication programs based on veterinarian instructions. | | |
| • Perform weight estimation using standard protocols. | | |
| • Prepare and reserve marketable animals following marketing requirements and procedures. | | |
| • Prepare loading facility and ramp with reference to Animal Welfare Act. | | |
| • Move animals to loading facility following Animal Welfare Act. | | |
| • Clean and disinfect transportation vehicle in line with GAHP. | | |
| • Update finishing records following enterprise protocol. | | |
| • Monitor production parameters for finishers with reference to production requirements.* | | |

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

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| Qualification: | ANIMAL PRODUCTION (Swine) NC II | | |
| Units of Competency Covered: | 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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| Candidate's Name & Signature | | Date: | |

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Swine) NC II | | |
| Units of Competency Covered: | 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 | |
| <ul style="list-style-type: none"> • Identify and immediate threats to the health of the animal based on observation.* | | | |
| <ul style="list-style-type: none"> • Identify bio-security threats based on established organizational policy.* | | | |
| <ul style="list-style-type: none"> • Prepare supplies and materials and apply disinfectants according to standard operating procedures.* | | | |
| <ul style="list-style-type: none"> • Prepare and monitor regularly vehicle and foot vats according to standard operating practice. | | | |
| <ul style="list-style-type: none"> • Follow farm personnel and visitor's hygiene and sanitation of farm, based on standard operating practice. | | | |
| <ul style="list-style-type: none"> • Disinfect all types of vehicles and equipment entering the farm according to standard operating procedures. | | | |
| <ul style="list-style-type: none"> • Quarantine and vaccinate new stocks to be introduced into the herd according to standard operating procedures.* | | | |
| <ul style="list-style-type: none"> • Implement vaccination programs and health programs designed by veterinarian. | | | |
| <ul style="list-style-type: none"> • Collect and prepare samples for serological monitoring of notifiable diseases. | | | |
| <ul style="list-style-type: none"> • Follow preventive measures on notifiable diseases as declared by BAI based on industry and BAI standard. | | | |
| <ul style="list-style-type: none"> • Recommend medication and vaccination programs strictly by manufacturers and veterinarian. | | | |
| <ul style="list-style-type: none"> • Follow hygiene and sanitation of farm, farm personnel and visitors based on standard operating practice.* | | | |

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| <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. | | |
| <p>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.</p> | | |
| Candidate's Name & Signature | | Date: |