



TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

National Assessment

for

ANIMAL PRODUCTION NC II
(Ruminants)

SELF – ASSESSMENT GUIDE

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Ruminants) NC II | | |
| Units of Competency Covered: | Maintain housing, farm implements and surrounding area | | |
| 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"> • Check farm and surrounding area for problems according to enterprise and DENR standards.* | | | |
| <ul style="list-style-type: none"> • Prepare equipment, tools and materials according to Occupational Safety and Health Standards (OSHS) for maintenance activities.* | | | |
| <ul style="list-style-type: none"> • Record and report to appropriate authority condition of facilities based on enterprise requirements.* | | | |
| <ul style="list-style-type: none"> • Maintain farm based on industry standards. | | | |
| <ul style="list-style-type: none"> • Control pest and vermin according to enterprise procedures and environmental regulations (Environmental Management Standards). | | | |
| <ul style="list-style-type: none"> • Maintain animal housing and facilities according to BAI and industry standards. | | | |
| <ul style="list-style-type: none"> • Maintain farm supplies and tools according to farm requirements. | | | |
| <ul style="list-style-type: none"> • Repair fence according to work requirements. | | | |
| <ul style="list-style-type: none"> • Apply safety measures according to Occupational Safety and Health Standards. | | | |
| <ul style="list-style-type: none"> • Identify Bio-security threats and hazards with reference to Bureau of Animal Industry-Department of Agriculture (BAI-DA) animal health standards.* | | | |
| <ul style="list-style-type: none"> • Apply Bio-security measures according to Bureau of Animal Industry-Department of Agriculture (BAI-DA) standards and OSHS.* | | | |
| <ul style="list-style-type: none"> • Collect and maintain relevant records according to enterprise standards. | | | |
| <ul style="list-style-type: none"> • Maintain tools and materials and stored according to established enterprise practices and following 5S principle. | | | |

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| <ul style="list-style-type: none"> • Dispose Farm wastes according to DENR regulations and 3Rs principle.* | | |
| <ul style="list-style-type: none"> • Prepare and submit report on work outputs and updates to concerned person or authority according to industry practices. | | |
| <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> | | |
| <p>Candidate's Name & Signature</p> | <p>Date:</p> | |

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Ruminants) NC II | | |
| Units of Competency Covered: | Provide Forage | | |
| 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"> • Prepare Tools, materials and equipment according to work requirements and plan.* | | | |
| <ul style="list-style-type: none"> • Clear forage area from unwanted vegetations and debris according to site plan.* | | | |
| <ul style="list-style-type: none"> • Prepare land according to site plan and production requirements. | | | |
| <ul style="list-style-type: none"> • Set-up fence in the perimeter following site plan. | | | |
| <ul style="list-style-type: none"> • Practice safety measures according to Occupational Health and Safety (OHS) procedures. | | | |
| <ul style="list-style-type: none"> • Determine Forage species planted according to plan and production requirements.* | | | |
| <ul style="list-style-type: none"> • Source-out forage planting materials and collected from recommended sources and other farmers. | | | |
| <ul style="list-style-type: none"> • Plant Forage species according to plan and production requirements. | | | |
| <ul style="list-style-type: none"> • Perform task according to OSHS. | | | |
| <ul style="list-style-type: none"> • Employ Pest control measures according to Good Agricultural Practices (GAP).* | | | |
| <ul style="list-style-type: none"> • Apply Fertilizers according to plant requirements.* | | | |
| <ul style="list-style-type: none"> • Water Plants according to plant requirements. | | | |

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| <ul style="list-style-type: none"> • Follow other maintenance practices GAP and plant requirements.* | | |
| <ul style="list-style-type: none"> • Perform Tasks following GAP and OSHS procedures. | | |
| <ul style="list-style-type: none"> • Gather Excess forages and other materials for silage following established farm procedures.* | | |
| <ul style="list-style-type: none"> • Obtain Feed resources from recommended/ alternative sources. | | |
| <ul style="list-style-type: none"> • Harvest Forage species according to schedule and production plan. | | |
| <ul style="list-style-type: none"> • Use Silos according to supply of silage materials. | | |
| <ul style="list-style-type: none"> • Do Ensiling following standard procedures.* | | |
| <ul style="list-style-type: none"> • Mix Commercial silage additives according to enterprise requirements.* | | |
| <ul style="list-style-type: none"> • Store Forage silage following established storage requirements and condition. | | |
| <ul style="list-style-type: none"> • Inspect Forage silage for quality check and improvement.* | | |
| <ul style="list-style-type: none"> • Complete Tasks following OHS procedures and enterprise requirements. | | |
| <ul style="list-style-type: none"> • Clean, Maintain and store Tools and equipment according to established standard practices | | |
| <ul style="list-style-type: none"> • Undertake Maintenance of clean and safe area throughout and on completion of work. | | |
| <ul style="list-style-type: none"> • Compile Records of silage production for reference and reporting purposes following enterprise procedures and 5S principles.* | | |
| <ul style="list-style-type: none"> • Report Work output to concerned person or authority according to industry practices. | | |
| <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> | | |
| <p>Candidate's Name & Signature</p> | | <p>Date:</p> |

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Ruminants) NC II | | |
| Units of Competency Covered: | Perform breeding of ruminants | | |
| 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"> • Prepare breeds of animals suitable for meat, dairy and mixed-type/dual purpose based on breed standards following instructions from authority.* | | | |
| <ul style="list-style-type: none"> • Provide appropriate housing facilities and fed regularly following Good Animal Husbandry Practices (GAHP) and Animal Welfare Act. | | | |
| <ul style="list-style-type: none"> • Prepare tools, materials and equipment for breeding operations following breeding schedule and requirements.* | | | |
| <ul style="list-style-type: none"> • Provide breeding program for ruminants in accordance with business objective following Animal Welfare Acts.* | | | |
| <ul style="list-style-type: none"> • Monitor breeding performance of ruminants following enterprise protocols and unproductive animals are treated and disposed in accordance with set standards.* | | | |
| <ul style="list-style-type: none"> • Practice grazing management based on established pasture. | | | |
| <ul style="list-style-type: none"> • Offer feed supplements like concentrates, minerals and vitamins according to animal dietary requirements. | | | |
| <ul style="list-style-type: none"> • Provide assistance in animal husbandry practices according to GAHP. | | | |
| <ul style="list-style-type: none"> • Cull and dispose unproductive animals according to the set standard. | | | |
| <ul style="list-style-type: none"> • Record and report Sick animals to appropriate authority. | | | |

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| <ul style="list-style-type: none"> • Provide assistance during medication of ruminants in accordance with industry standards and instructions of authority. | | |
| <ul style="list-style-type: none"> • Observe Safety practices according to Occupational Safety and Health Standards (OSHS). | | |
| <ul style="list-style-type: none"> • Prepare and submit report and records to immediate authority following enterprise protocol.* | | |
| <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> | | |
| <p style="text-align: center;">Candidate's Name & Signature</p> | <p style="text-align: center;">Date:</p> | |

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Ruminants) NC II | | |
| Units of Competency Covered: | Raise Dairy Animals | | |
| 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"> • Separate pregnant animals from the general herd and kept them in maternity pen. | | | |
| <ul style="list-style-type: none"> • Provide balance ration and free choice of drinking water. | | | |
| <ul style="list-style-type: none"> • Provide Assistance during calving/kidding according to GAHP. | | | |
| <ul style="list-style-type: none"> • Feed Lactating ruminants according to feeding standards. | | | |
| <ul style="list-style-type: none"> • Maintain Lactating ruminants according to ideal body condition score (BCS, 3-4) following production objective. | | | |
| <ul style="list-style-type: none"> • Collect and check Milk for quality based on the standard milking and QC procedures.* | | | |
| <ul style="list-style-type: none"> • Pasteurize and package collected milk following standard hygienic procedures (HACCP). | | | |
| <ul style="list-style-type: none"> • Maintain and submit dairy production record and sales report to appropriate authority | | | |
| <ul style="list-style-type: none"> • Rear newly born calf /kid according to developed rearing system.* | | | |
| <ul style="list-style-type: none"> • Prepare Tools and materials according to work requirements. | | | |
| <ul style="list-style-type: none"> • Carry-out colostrum, pre-weaning and post-weaning feeding according to prescribed feeding system. | | | |
| <ul style="list-style-type: none"> • Identify and separate small and less vigorous calves and kids from others for specialized feeding. | | | |

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| <ul style="list-style-type: none"> • Separate Calves and kids as required for routine husbandry or animal health procedures. | | |
| <ul style="list-style-type: none"> • Monitor regularly Progress and growth development of calves/kids through weighing and/or visual appraisal. | | |
| <ul style="list-style-type: none"> • Welfare and health abnormalities are reported to the appropriate authority | | |
| <ul style="list-style-type: none"> • Place Dairy-breeder- animals-to-be in appropriate housing according to establish farm procedures and GAHP.* | | |
| <ul style="list-style-type: none"> • Feed Animals according to prescribed feeding system. | | |
| <ul style="list-style-type: none"> • Report Welfare and health abnormalities to the appropriate authority. | | |
| <ul style="list-style-type: none"> • Monitor animals regularly through weighing and/or phenotypic evaluation | | |
| <ul style="list-style-type: none"> • Select Adult Breeder for dairy-type animals for breeding purposes according to breeds' standard. | | |
| <ul style="list-style-type: none"> • Male animals not intended for breeding fattened or sold as meat. | | |
| <ul style="list-style-type: none"> • Keep and update Animal and financial records derived from dairy operations according to industry standard.* | | |
| <ul style="list-style-type: none"> • Maintain and store Tools and materials according to manufacturer's specification and enterprise protocol. | | |
| <ul style="list-style-type: none"> • Clean-up area according to enterprise protocol. | | |
| <ul style="list-style-type: none"> • Dispose Wastes following environmental regulations and enterprise procedures such as vermicast and biogas production. | | |
| <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> | | |
| <p>Candidate's Name & Signature</p> | | <p>Date:</p> |

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SELF ASSESSMENT GUIDE

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| Qualification: | ANIMAL PRODUCTION (Ruminants) NC II | | |
| Units of Competency Covered: | Raise meat-type animals | | |
| 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"> • Provide Assistance in pre-selection process of meat-type animals following instructions of authority. | | | |
| <ul style="list-style-type: none"> • Provide appropriate housing meat for type animals. | | | |
| <ul style="list-style-type: none"> • Determine the management system to be practiced whether complete/semi-confinement or under grazing. | | | |
| <ul style="list-style-type: none"> • Determine feed resources or carrying capacity based on availability, quantity and quality. | | | |
| <ul style="list-style-type: none"> • Formulate and provide Basal rations for meat-type animals at various fattening periods for intensive system of management.* | | | |
| <ul style="list-style-type: none"> • Practice rotational grazing for grazing system of management based on established pasture | | | |
| <ul style="list-style-type: none"> • Offer Feed supplements like concentrates, minerals and vitamins according to animal requirements. | | | |
| <ul style="list-style-type: none"> • Fatten the animal for 4-6 months according to target ADG and market weight. | | | |
| <ul style="list-style-type: none"> • Provide Assistance in animal husbandry practices according to GAHP.* | | | |
| <ul style="list-style-type: none"> • Cull and dispose Unproductive animals according to the set standard.* | | | |
| <ul style="list-style-type: none"> • Record and report Sick animals to appropriate authority. | | | |
| <ul style="list-style-type: none"> • Provide Assistance during immunization, deworming and medication of ruminants in accordance with industry standards and instructions of authority. | | | |

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| <ul style="list-style-type: none"> Observe Safety practices according to Occupational Safety and Health Standards (OSHS). | | |
| <ul style="list-style-type: none"> Select Breeder for meat-type animals for breeding purposes according to breeds' standard. | | |
| <ul style="list-style-type: none"> Prepare Animals for market disposal following instructions of authority. | | |
| <ul style="list-style-type: none"> Update and keep Animal and financial records derived from meat-type animals according to industry standard.* | | |
| <ul style="list-style-type: none"> Perform Wastes disposal according to enterprise protocol and environmental legislations. | | |
| <ul style="list-style-type: none"> Maintain and store Tools, materials and supplies according to OSHS and 5S. | | |
| <ul style="list-style-type: none"> Prepare and submit report to immediate authority following enterprise requirements | | |
| <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: | |