



TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

National Assessment

for

**ANIMAL PRODUCTION NC II**

(Ruminants)

**SELF – ASSESSMENT GUIDE**

Reference No.																		
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**SELF ASSESSMENT GUIDE**

Qualification:	<b>ANIMAL PRODUCTION (Ruminants) NC II</b>		
Units of Competency Covered:	<b>Maintain housing, farm implements and surrounding area</b>		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a check in the appropriate box opposite each question to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<ul style="list-style-type: none"> <li>• Check farm and surrounding area for problems according to enterprise and DENR standards.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Prepare equipment, tools and materials according to Occupational Safety and Health Standards (OSHS) for maintenance activities.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Record and report to appropriate authority condition of facilities based on enterprise requirements.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Maintain farm based on industry standards.</li> </ul>			
<ul style="list-style-type: none"> <li>• Control pest and vermin according to enterprise procedures and environmental regulations (Environmental Management Standards).</li> </ul>			
<ul style="list-style-type: none"> <li>• Maintain animal housing and facilities according to BAI and industry standards.</li> </ul>			
<ul style="list-style-type: none"> <li>• Maintain farm supplies and tools according to farm requirements.</li> </ul>			
<ul style="list-style-type: none"> <li>• Repair fence according to work requirements.</li> </ul>			
<ul style="list-style-type: none"> <li>• Apply safety measures according to Occupational Safety and Health Standards.</li> </ul>			
<ul style="list-style-type: none"> <li>• Identify bio-security threats and hazards with reference to Bureau of Animal Industry-Department of Agriculture (BAI-DA) animal health standards.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Apply bio-security measures according to Bureau of Animal Industry-Department of Agriculture (BAI-DA) standards and OSHS.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Collect and maintain relevant records according to enterprise standards.</li> </ul>			
<ul style="list-style-type: none"> <li>• Maintain tools and materials and stored according to established enterprise practices and following 5S principle.</li> </ul>			

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

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**SELF ASSESSMENT GUIDE**

Qualification:	<b>ANIMAL PRODUCTION (Ruminants) NC II</b>		
Units of Competency Covered:	<b>Provide Forage</b>		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a check in the appropriate box opposite each question to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
<ul style="list-style-type: none"> <li>• Prepare tools, materials and equipment according to work requirements and plan.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Clear forage area from unwanted vegetations and debris according to site plan.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Prepare land according to site plan and production requirements.</li> </ul>			
<ul style="list-style-type: none"> <li>• Set-up fence in the perimeter following site plan.</li> </ul>			
<ul style="list-style-type: none"> <li>• Practice safety measures according to Occupational Health and Safety (OHS) procedures.</li> </ul>			
<ul style="list-style-type: none"> <li>• Determine forage species planted according to plan and production requirements.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Source-out forage planting materials and collected from recommended sources and other farmers.</li> </ul>			
<ul style="list-style-type: none"> <li>• Plant forage species according to plan and production requirements.</li> </ul>			
<ul style="list-style-type: none"> <li>• Perform task according to OSHS.</li> </ul>			
<ul style="list-style-type: none"> <li>• Employ pest control measures according to Good Agricultural Practices (GAP).*</li> </ul>			
<ul style="list-style-type: none"> <li>• Apply fertilizers according to plant requirements.*</li> </ul>			
<ul style="list-style-type: none"> <li>• Water plants according to plant requirements.</li> </ul>			

<ul style="list-style-type: none"> <li>• Follow other maintenance practices GAP and plant requirements.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Perform tasks following GAP and OSHS procedures.</li> </ul>		
<ul style="list-style-type: none"> <li>• Gather excess forages and other materials for silage following established farm procedures.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Obtain feed resources from recommended/ alternative sources.</li> </ul>		
<ul style="list-style-type: none"> <li>• Harvest forage species according to schedule and production plan.</li> </ul>		
<ul style="list-style-type: none"> <li>• Use silos according to supply of silage materials.</li> </ul>		
<ul style="list-style-type: none"> <li>• Do Ensiling following standard procedures.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Mix commercial silage additives according to enterprise requirements.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Store forage silage following established storage requirements and condition.</li> </ul>		
<ul style="list-style-type: none"> <li>• Inspect forage silage for quality check and improvement.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Complete tasks following OHS procedures and enterprise requirements.</li> </ul>		
<ul style="list-style-type: none"> <li>• Clean, maintain and store tools and equipment according to established standard practices</li> </ul>		
<ul style="list-style-type: none"> <li>• Undertake maintenance of clean and safe area throughout and on completion of work.</li> </ul>		
<ul style="list-style-type: none"> <li>• Compile records of silage production for reference and reporting purposes following enterprise procedures and 5S principles.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Report work output to concerned person or authority according to industry practices.</li> </ul>		
<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><b>Candidate's Name &amp; Signature</b></p>		<p><b>Date:</b></p>

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**SELF ASSESSMENT GUIDE**

Qualification:	<b>ANIMAL PRODUCTION (Ruminants) NC II</b>		
Units of Competency Covered:	<b>Perform breeding of ruminants</b>		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a check in the appropriate box opposite each question to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
• Prepare breeds of animals suitable for meat, dairy and mixed-type/dual purpose based on breed standards following instructions from authority.*			
• Provide appropriate housing facilities and fed regularly following Good Animal Husbandry Practices (GAHP) and Animal Welfare Act.			
• Prepare tools, materials and equipment for breeding operations following breeding schedule and requirements.*			
• Provide breeding program for ruminants in accordance with business objective following Animal Welfare Acts.*			
• Monitor breeding performance of ruminants following enterprise protocols and unproductive animals are treated and disposed in accordance with set standards.*			
• Practice grazing management based on established pasture.			
• Offer feed supplements like concentrates, minerals and vitamins according to animal dietary requirements.			
• Provide assistance in animal husbandry practices according to GAHP.			
• Cull and dispose unproductive animals according to the set standard.			
• Record and report sick animals to appropriate authority.			

<ul style="list-style-type: none"> <li>• Provide assistance during medication of ruminants in accordance with industry standards and instructions of authority.</li> </ul>		
<ul style="list-style-type: none"> <li>• Observe safety practices according to Occupational Safety and Health Standards (OSHS).</li> </ul>		
<ul style="list-style-type: none"> <li>• Prepare and submit report and records to immediate authority following enterprise protocol.*</li> </ul>		
<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>		
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**SELF ASSESSMENT GUIDE**

Qualification:	<b>ANIMAL PRODUCTION (Ruminants) NC II</b>		
Units of Competency Covered:	<b>Raise Dairy Animals</b>		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a check in the appropriate box opposite each question to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
• Separate pregnant animals from the general herd and kept them in maternity pen.			
• Provide balance ration and free choice of drinking water.			
• Provide assistance during calving/kidding according to GAHP.			
• Feed lactating ruminants according to feeding standards.			
• Maintain lactating ruminants according to ideal body condition score (BCS, 3-4) following production objective.			
• Collect and check milk for quality based on the standard milking and QC procedures.*			
• Pasteurize and package collected milk following standard hygienic procedures (HACCP).			
• Maintain and submit dairy production record and sales report to appropriate authority			
• Rear newly born calf /kid according to developed rearing system.*			
• Prepare tools and materials according to work requirements.			
• Carry-out colostrum, pre-weaning and post-weaning feeding according to prescribed feeding system.			
• Identify and separate small and less vigorous calves and kids from others for specialized feeding.			



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

Qualification:	<b>ANIMAL PRODUCTION (Ruminants) NC II</b>		
Units of Competency Covered:	<b>Raise meat-type animals</b>		
<b>Instruction:</b>			
<ul style="list-style-type: none"> <li>• Read each of the questions in the left-hand column of the chart.</li> <li>• Place a check in the appropriate box opposite each question to indicate your answer.</li> </ul>			
<b>Can I?</b>	<b>YES</b>	<b>NO</b>	
• Provide assistance in pre-selection process of meat-type animals following instructions of authority.			
• Provide appropriate housing meat for type animals.			
• Determine the management system to be practiced whether complete/semi-confinement or under grazing.			
• Determine feed resources or carrying capacity based on availability, quantity and quality.			
• Formulate and provide basal rations for meat-type animals at various fattening periods for intensive system of management.*			
• Practice rotational grazing for grazing system of management based on established pasture			
• Offer feed supplements like concentrates, minerals and vitamins according to animal requirements.			
• Fatten the animal for 4-6 months according to target ADG and market weight.			
• Provide assistance in animal husbandry practices according to GAHP.*			
• Cull and dispose unproductive animals according to the set standard.*			
• Record and report sick animals to appropriate authority.			
• Provide assistance during immunization, deworming and medication of ruminants in accordance with industry standards and instructions of authority.			

<ul style="list-style-type: none"> <li>• Observe safety practices according to Occupational Safety and Health Standards (OSHS).</li> </ul>		
<ul style="list-style-type: none"> <li>• Select breeder for meat-type animals for breeding purposes according to breeds' standard.</li> </ul>		
<ul style="list-style-type: none"> <li>• Prepare animals for market disposal following instructions of authority.</li> </ul>		
<ul style="list-style-type: none"> <li>• Update and keep animal and financial records derived from meat-type animals according to industry standard.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Perform wastes disposal according to enterprise protocol and environmental legislations.</li> </ul>		
<ul style="list-style-type: none"> <li>• Maintain and store tools, materials and supplies according to OSHS and 5S.</li> </ul>		
<ul style="list-style-type: none"> <li>• Prepare and submit report to immediate authority following enterprise requirements</li> </ul>		
<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>		
<b>Candidate's Name &amp; Signature</b>		<b>Date:</b>