

# National Occupational Skill Standard (NOSS)

**Occupational Title** : Community Livestock Assistant

**Level** : 1

**Sector** : Agriculture

**Sub - Sector** : Livestock

**NOSS ID/NSCO ID** :

**ISCO NO** :



Council for Technical Education and Vocational Training

**NATIONAL SKILL TESTING BOARD**

Madhyapur Thimi-17, Sanothimi, Bhaktapur, Nepal

Developed: 07-01-2024 (22-09-2080)



2045

**DACUM Panel:**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Organization</b>
1.	Mr. Bishwo Pd. Shrestha	Member	Private Farm, Kathmandu
2.	Mr. Luma Nidhi Pandey	Member	NARC, Kathmandu
3.	Mr. Basanta Kumar Shrestha	Member	NARC, Kathmandu
4.	Mr. Chandra Kumar Mishra	Member	NARC, Kathmandu
5.	Mr. Ramesh Bastakoti	Member	Private Farm, Kathmandu
6.	Mr. Sahila Chakradhar	Member	Private Farm, Kathmandu
7.	Mr. Yadav Prasad Phuyal	Member	Private Farm, Kathmandu
8.	Mr. Sushil Kumar Phuyal	Member	Sewa Agro, Kathmandu
9.	Mr. Santosh Phuyal	Member	Vet. Busin, Kathmandu
10.	Mr. Shiva Prasad Adhikari	Member	Private Farm, Kathmandu

**DACUM Supervisor:** Mr. Deepak Prasad Poudel**DACUM Facilitator /Recorder:**

Mr. Ishwar Chandra Ghimire

Mr. Bhumaheshwor Ranjitkar

**DACUM Workshop on 12 and 13 August 2009**

NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:2



**DACUM Verification Panel:**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Organization</b>
1.	Mr.Luma Nidhi Pandey	Member	NARC, Lamjung
2.	Mr.Basanta Kumar Shrestha	Member	NARC, Lalitpur
3.	Mr.Ram Udgar Mahato	Member	NARC, Lalitpur
4.	Mr. Bhupendra Aryal	Member	Kathmandu
5.	Mr.Ashwasthama Aryal	Member	Kathmandu
6.	Mr.Ram Maya Kathayat	Member	Kathmandu
7.	Mr.DhurbaThapa Magar	Member	Kathmandu
8.	Mr. Daya Ram Mahat	Member	Kathmandu
9.	Mr.Madan Shyam Acharya	Member	Kathmandu
10.	Mrs. Anita Jochhen	Member	AHRD, Lalitpur
11.	Mrs. Birmaya Gharti Magar	Member	Kathmandu

**Supervisor:** Mr. Chandra Bhakta Nakarmi

**Facilitator/Recorder:**

Mr.Baikuntha Shrestha

Mr. Bhumaheshwor Ranjitkar

**DACUM Verification Workshop on 21 August 2009**



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:3



2045

**The Occupational Profile (OP) developed by:**

No	Name	Designation	Organization
1.	Mr. Subarna Kaji Shakya	Coordinator	Livestock Technical Sub Committee National Skill Testing Board, Sanothimi, Bhaktapur
2.	Mr. Chandra Bhakta Nakarmi	Director	National Skill Testing Board Sanothimi, Bhaktapur
3.	Mr. Shyam Prasad Poudel	Member	Program Director, DLSTE Harihar Bhawan
4.	Dr. Dinesh Prasad Parajuli	Member	Regional Director, CRDLS Harihar Bhawan
5.	Mr. Babulal Kunwa	Member	Technical Officer, NARC Lalitpur
6.	Mr. Ram Udgar Mahato	Member	Technical Officer, NARC Lalitpur
7.	Mr. Deepak Prasad Poudel	Member	Dy. Director National Skill Testing Board, Sanothimi, Bhaktapur
8.	Mr. Ram Hari Devkota	Member	Dy. Director National Skill Testing Board, Sanothimi, Bhaktapur
9.	Er. Gunananda Jha	Member-Secretary	Skill Testing Officer National Skill Testing Board, Sanothimi, Bhaktapur
10.	Mr. Ishwar Chandra Ghimire	Member	Skill Testing Officer National Skill Testing Board, Sanothimi, Bhaktapur

**Recommended by Livestock Technical Sub Committee: 02 Sep 2, 2009**



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:4



**The National Occupational Skill Standard Developed by:**

No	Name	Designation	Organization
1.	Dr. Nar Bahadur Rajwar	Coordinator	Livestock Technical Sub Committee National Skill Testing Board, Sanothimi, Bhaktapur
2.	Mr. Tek Bahadur Malla	Director	National Skill Testing Board Sanothimi, Bhaktapur
3.	Dr. Krishna Bahadur Shrestha	Member	Freelance Veterinary and Livestock Consultant Basundhara, Kathmandu
4.	Dr. Parsu Ram Bhusal	Member	Freelance Veterinary and Livestock Consultant Kathmandu
5.	Dr. Rebati Man Shrestha	Member	Consultant, NLG Insurance Company Kathmandu
6.	Dr. Subash Poudel	Member	Himalayan College of Agriculture Sciences & Technology Kirtipur, Kathmandu
7.	Dr. Arjun Pandit	Member	Himalayan College of Agriculture Sciences & Technology Kirtipur, Kathmandu
8.	Mr. Anup Raj Neupane	Member Secretary	Livestock Technical Sub Committee National Skill Testing Board, Sanothimi, Bhaktapur
9.	Mr. Tulsi K.C.	Member	Sr. Skill Testing Officer National Skill Testing Board, Sanothimi, Bhaktapur
10.	Mr. Suresh Maharjan	Member	Sr. Skill Testing Officer National Skill Testing Board, Sanothimi, Bhaktapur
11.	Mr. Surya Prasad Adhikari	Member	Skill Testing Officer National Skill Testing Board, Sanothimi, Bhaktapur

**Recommended by Livestock Technical Sub Committee: 07 January 2024 (22 Poush 2080)**



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:5



2045

1	<b>Occupational Title: Community Livestock Assistant</b> <b>Level: 1</b>
2	<b>Job Description:</b>  Community Livestock Assistant, L-1 performs animal feeding, provides basic animal health care and performs routine management work.
3	<b>UNITS OF COMPETENCY:</b>  <ol style="list-style-type: none"> <li>1. Perform routine management work</li> <li>2. Perform animal feeding</li> <li>3. Provide basic animal health care</li> <li>4. Perform communication</li> <li>5. Develop professionalism</li> </ol> <p><i>*Note: Units 4 and 5 are not for testing purpose.</i></p>
4	<b>Qualifying Notes/Prerequisites:</b> <ul style="list-style-type: none"> <li>• Physical Requirements: Sound health</li> <li>• Entry Requirements: As per NSTB rules</li> </ul> <b>Additional Information:</b> <ul style="list-style-type: none"> <li>• Assessment Types: Performance test only</li> <li>• Assessment Duration: 4 to 5 hours (Full Competency Only)</li> <li>• Recommended Group Size: 8 to 10 candidates</li> </ul>



5	<b>Unit No: 1</b>		<b>Unit code:</b>	
	<b>Unit Title: Perform routine management work</b>			
	<b>Elements of competency</b>		<b>Performance standards</b>	
	1.1 Prepare tool, equipment and materials		1.1.1 <b>Personal Protective Equipment (PPE)</b> used in accordance with task requirement.	
			1.1.2 Tools and equipment collected and prepared as per task requirement.	
1.2 Prepare animals for breeding activities		1.1.3 Materials collected and prepared as per task requirement.		
		1.2.1 Animals with <b>breeding characteristics</b> identified and selected.		
		1.2.2 Detailed record of selection process maintained including the reasons for selecting animals.		
1.3 Perform tagging and tattooing		1.2.3 Selected animals kept separately in clean and dry housing as per types of animal.		
		1.2.4 Behavior of selected breeding animals checked continuously and culled unproductive animals that do not meet breeding characteristics.		
		1.2.5 Animals on heat identified based on <b>signs</b> and introduced to male/female for mating.		
		1.3.1 Animal restrained and handled safely without causing harm and stress.		
1.4 Perform nose piercing		1.3.2 <b>Tagging/tattooing area</b> cleaned with antiseptic solution.		
		1.3.3 Tagging/tattooing machine prepared and pierced into marked spot.		
		1.3.4 Tagging/tattooing record maintained as per farm practice.		
		1.4.1 Animals restrained and handled safely without causing harm and stress.		
		1.4.2 Nose ring/rope selected based on size and breed of animal.		
		1.4.3 Nasal area cleaned with antiseptic solution.		
		1.4.4 Piercing instrument prepared and pierced exactly on the marked location.		
		1.4.5 Antiseptic ointment applied to the pierced area.		



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:7



		1.4.6 Piercing details recorded as per farm practice.
	1.5 Clean shed area	1.5.1 Tools and equipment cleaned, disinfected and stored in designated place. 1.5.2 Leftover from feeding area removed and placed in designated area. 1.5.3 Shed area cleaned, disinfected, waste segregated and disposed as per <b>3R's principle</b> at designated location.
<b>6</b>	<b>Task Performance Requirements (Tools, Equipment and Materials):</b> <ul style="list-style-type: none"> <li>• Tagging machine, tattooing tool, piercing needle, tags, tattoo ink/paste, restraining equipment, antiseptic solution, nose ring/rope, marker, sterilized cotton, sterilizer, disinfectant, examination gloves, pen, register, dust bin, dust pan, broom, first aid kit and personal protective equipment (PPE).</li> </ul>	
<b>7</b>	<b>Safety and Hygiene (Occupational Health and Safety):</b> <ul style="list-style-type: none"> <li>• Apply personal protective equipment.</li> <li>• Safe handling of tools, equipment and materials.</li> <li>• Prevent from animal attack.</li> <li>• Prevent from zoonotic diseases transmitted by animals.</li> </ul>	





8	Required Knowledge		
	Technical Knowledge	Applied Calculation	Graphical Information
	<ul style="list-style-type: none"> <li>• Tools, equipment and materials               <ul style="list-style-type: none"> <li>○ Types</li> <li>○ Uses</li> <li>○ Safe handling</li> <li>○ Storage</li> </ul> </li> <li>• Breeds and breed characteristic</li> <li>• Reproductive age</li> <li>• Sign of heat/oestrus</li> <li>• Importance of culling</li> <li>• Animal handling and restraining techniques</li> <li>• Animal identification method (Tattooing and Tagging)</li> <li>• Importance of nose piercing</li> <li>• Animal welfare, legal and ethical consideration</li> <li>• Cleaning and waste management</li> <li>• Record keeping and documentation</li> <li>• Importance of first aid</li> <li>• Occupational health and safety rules and regulations</li> </ul>		<ul style="list-style-type: none"> <li>• Read and interpret manufacturer's instruction</li> </ul>



9	<b>Assessment of Competency</b>						
<b>Unit: 1</b>							
<b>Unit Title: Perform routine management work</b>							
<b>Candidate Details</b>				<b>Assessors Detail</b>			
Candidate's Name:				Assessors' Name		ID/License No:	
Registration Number:				1.			
Symbol No:				2.			
Test Centre:				3.			
Test Date:							
Element of competency	Performance Standards			Standard Met	Standard Not Met	Evidence Type	Comments
1.1 Prepare tool, equipment and materials	1.1.1 <b>Personal Protective Equipment (PPE)</b> used in accordance with task requirement.						
	1.1.2 Tools and equipment collected and prepared as per task requirement.						
	1.1.3 Materials collected and prepared as per task requirement.						
1.2 Prepare animals for breeding activities	1.2.1 Animals with <b>breeding characteristics</b> identified and selected.						
	1.2.2 Detailed record of selection process maintained including the reasons for selecting animals.						
	1.2.3 Selected animals kept separately in clean and dry housing as per types of animal.						
NOSS ID: #		Developed Date: 2024-01-07		Revision Number: ##		Revised Date: dd/mm/yy	Page:10



	<p>1.2.4 Behavior of selected breeding animals checked continuously and culled unproductive animals that do not meet breeding characteristics.</p> <p>1.2.5 Animals on heat identified based on signs and introduced to male/female for mating.</p>				
1.3 Perform tagging and tattooing	<p>1.3.1 Animal restrained and handled safely without causing harm and stress.</p> <p>1.3.2 <b>Tagging/tattooing area</b> cleaned with antiseptic solution.</p> <p>1.3.3 Tagging/tattooing machine prepared and pierced into marked spot.</p> <p>1.3.4 Tagging/tattooing record maintained as per farm practice.</p>				
1.4 Perform nose piercing	<p>1.4.1 Animals restrained and handled safely without causing harm and stress.</p> <p>1.4.2 Nose ring/rope selected based on size and breed of animal.</p> <p>1.4.3 Nasal area cleaned with antiseptic solution.</p> <p>1.4.4 Piercing instrument prepared and pierced exactly on the marked location.</p> <p>1.4.5 Antiseptic ointment applied to the pierced area.</p> <p>1.4.6 Piercing details recorded as per farm practice.</p>				
1.5 Clean shed area	<p>1.5.1 Tools and equipment cleaned, disinfected and stored in</p>				



	designated place.				
	1.5.2 Leftover from feeding area removed and placed in designated area.				
	1.5.3 Shed area cleaned, disinfected, waste segregated and disposed as per <b>3R's principle</b> at designated location.				

**WT-** Written Test

**OQ-** Oral Question

**PT-** Practical Test

**DO –** Direct Observation

**SR-** Supervisor’s report

**SN–**Simulation

**RP-** Role Play

**PG –**Photographs

**VD-** Video

**CT –** Certificates

**TS –** Testimonials (Reward)

**PP –** Product Produced

**CS –** Case Study



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:12



## Range Statement

Variable	Range
Personal protective equipment	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Mask</li> <li>• Apron</li> <li>• Gloves</li> <li>• Cape</li> <li>• Ear plug</li> <li>• Safety shoes</li> <li>• Face shield</li> </ul>
Breeding characteristics	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Healthy</li> <li>• Reproductive age</li> <li>• Parity</li> </ul>
Signs	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Behavioural change</li> <li>• Restlessness</li> <li>• Vocalization</li> <li>• Vulvar swelling and redness</li> <li>• Mounting on other animal</li> </ul>



Tagging/tattooing area	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Ear</li> <li>• Rump</li> <li>• Shoulder region</li> </ul>
Piercing details	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Date</li> <li>• Identification number</li> </ul>
3R's principle	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Reduce</li> <li>• Reuse</li> <li>• Recycle</li> </ul>



5	Unit No: 2		Unit code:
	Unit Title: Perform animal feeding		
	Elements of competency	Performance standards	
	2.1 Prepare tool, equipment and materials	2.1.1 <b>Personal Protective Equipment (PPE)</b> used in accordance with task requirement. 2.1.2 Tools and equipment selected and collected as per task requirement. 2.1.3 Materials collected as per task requirement.	
	2.2 Prepare feed/ration	2.2.1 <b>Ingredients</b> need of animals identified and collected as per feeding chart. 2.2.2 Required amount of ingredients weighted, chopped and mixed thoroughly. 2.2.3 Feed stored in clean, dry and well-ventilated area. 2.2.4 Feed record maintained as per farm practice.	
2.3 Feed animals	2.3.1 Age group and production stage of animal identified. 2.3.2 <b>Feeding areas</b> inspected and cleaned. 2.3.3 Feed provided to animal as per their age group and production stages. 2.3.4 Animals behavior during feeding observed for <b>sign of abnormal behavior</b> and reported to farm supervisor. 2.3.5 Feeding record maintained as per farm practice.		
2.4 Clean shed area	2.4.1 Tools and equipment cleaned, disinfected and stored in designated place. 2.4.2 Leftover from feeding area removed and placed in designated area. 2.4.3 Shed area cleaned, disinfected, waste segregated and disposed as per <b>3R's principle</b> at designated location.		



6	<p><b>Task Performance Requirements (Tools, Equipment and Materials):</b></p> <ul style="list-style-type: none"> <li>• Feed ingredients, weighing scale, shovel, spade, spatula, rope, bucket, gunny sack, mixing mat, scissors, knife, permanent marker, wheel barrow, chopping machine/chaff cutter, register, pen, hand sanitizer, disinfectants, mug, clean cloth, dust bin, dust pan, broom, first aid kit and personal protective equipment (PPE).</li> </ul>
7	<p><b>Safety and Hygiene (Occupational Health and Safety):</b></p> <ul style="list-style-type: none"> <li>• Apply personal protective equipment.</li> <li>• Safe handling of tools, equipment and materials.</li> <li>• Prevent from animal attack.</li> <li>• Prevent from zoonotic diseases transmitted by animals.</li> </ul>





8	Required Knowledge		
	Technical Knowledge	Applied Calculation	Graphical Information
	<ul style="list-style-type: none"> <li>• Tools, equipment and materials               <ul style="list-style-type: none"> <li>○ Types</li> <li>○ Uses</li> <li>○ Safe handling</li> <li>○ Storage</li> </ul> </li> <li>• Feed ingredients/ration:               <ul style="list-style-type: none"> <li>○ Introduction</li> <li>○ Types</li> <li>○ Storage</li> <li>○ Nutritional needs of different species and classes of animals</li> <li>○ Ingredients weighing and mixing</li> <li>○ Feed quality</li> <li>○ Feed delivery</li> </ul> </li> <li>• Animal behavior and health monitoring</li> <li>• Feed supplements</li> <li>• Shed cleaning and waste management               <ul style="list-style-type: none"> <li>○ Cleaning of shed area, tools and equipment</li> <li>○ Types of waste</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• Read and interpret manufacturer's instruction</li> <li>• Read and interpret feeding chart</li> </ul>



	<ul style="list-style-type: none"><li>○ Waste disposing method</li><li>○ Disinfectant and disinfection method</li><li>○ Farm biosecurity measures</li><li>● Record keeping and documentation</li><li>● Importance of first aid</li><li>● Occupational health and safety rules and regulations</li></ul>		
--	---	--	--



9	<b>Assessment of Competency</b>				
<b>Unit: 2</b>					
<b>Unit Title: Perform animal feeding</b>					
<b>Candidate Details</b>			<b>Assessors Detail</b>		
Candidate's Name:			Assessors' Name		ID/License No:
Registration Number:			1.		
Symbol No:			2.		
Test Centre:			3.		
Test Date:					
Element of competency	Performance Standards	Standard Met	Standard Not Met	Evidence Type	Comments
2.1 Prepare tool, equipment and materials	2.1.1 <b>Personal Protective Equipment (PPE)</b> used in accordance with task requirement.				
	2.1.2 Tools and equipment selected and collected as per task requirement.				
	2.1.3 Materials collected as per task requirement.				
2.2 Prepare feed/ration	2.2.1 <b>Ingredients</b> need of animals identified and collected as per feeding chart.				
	2.2.2 Required amount of ingredients weighted, chopped and mixed thoroughly.				
	2.2.3 Feed stored in clean, dry and well-ventilated area.				
	2.2.4 Feed record maintained as per farm practice.				



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:19



2.3 Feed animals	<p>2.3.1 Age group and production stage of animal identified.</p> <p>2.3.2 <b>Feeding areas</b> inspected and cleaned.</p> <p>2.3.3 Feed provided to animal as per their age group and production stages.</p> <p>2.3.4 Animals behavior during feeding observed for <b>sign of abnormal behavior</b> and reported to farm supervisor.</p> <p>2.3.5 Feeding record maintained as per farm practice.</p>				
2.4 Clean shed area	<p>2.4.1 Tools and equipment cleaned, disinfected and stored in designated place.</p> <p>2.4.2 Leftover from feeding area removed and placed in designated area.</p> <p>2.4.3 Shed area cleaned, disinfected, waste segregated and disposed as per <b>3R's principle</b> at designated location.</p>				

**WT**- Written Test

**OQ**- Oral Question

**PT**- Practical Test

**DO** – Direct Observation

**SR**- Supervisor’s report

**SN**–Simulation

**RP**- Role Play

**PG** –Photographs

**VD**- Video

**CT** – Certificates

**TS** – Testimonials (Reward)

**PP** – Product Produced

**CS** – Case Study



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:20



2045

## Range Statement

Variable	Range
Personal protective equipment	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Helmet</li> <li>• Mask</li> <li>• Apron</li> <li>• Gloves</li> <li>• Safety shoes</li> </ul>
Ingredients	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Roughage (Green, dry, legumes and non-legumes)</li> <li>• Hay</li> <li>• Silage</li> <li>• Concentrate</li> <li>• Drinking water</li> <li>• Total mixed ration (TMR)</li> </ul>
Feeding areas	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Manger</li> <li>• Utensils</li> <li>• Trough</li> <li>• Feeders</li> <li>• Drinkers</li> </ul>



<p>Sign of abnormal behaviour</p>	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Reduced feed intake</li> <li>• Salivation and secretion</li> <li>• Bloat</li> <li>• Choking</li> <li>• Vomition</li> </ul>
<p>3R's principle</p>	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Reduce</li> <li>• Reuse</li> <li>• Recycle</li> </ul>



5	<b>Unit No: 3</b>		<b>Unit code:</b>			
	<b>Unit Title: Provide basic animal health care</b>					
	<b>Elements of competency</b>	<b>Performance standards</b>				
	3.1 Prepare tools, equipment and materials	3.1.1 <b>Personal protective equipment</b> (PPE) used in accordance with task requirement.		3.1.2 Tools and equipment selected and collected as per task requirement.	3.1.3 Materials collected as per task requirement.	
	3.2 Isolate sick animals	3.2.1 Healthy and sick animal identified based on <b>animal behavior and external appearance</b> .		3.2.2 Body temperature and respiration rate measured and recorded.	3.2.3 <b>Isolation area</b> prepared based on types of animal with dry bedding for comfort.	3.2.4 Sick animal restrained without causing harm and stress and kept in isolation area.
3.3 Provide medication	3.3.1 Medicine collected and prepared as per prescription.	3.3.2 Animal restrained and handled safely without causing harm and stress.	3.3.3 Oral and topical medication administered as prescribed.	3.3.4 Animals observed for any adverse reactions or sign of discomfort after medication.	3.3.5 Medication record maintained as per farm practice.	3.3.6 Medicinal waste disposed as per 3R principle.
3.4 Perform animal grooming	3.4.1 Animal restrained and handled safely without causing harm and stress.	3.4.2 Dirt and debris removed from body parts and animal showered.	3.4.3 <b>Major body parts</b> inspected for sign of abnormal discharges and injuries.	3.4.4 Record of grooming activities maintained as per farm practice.		



<p>3.5 Perform horn, hoof trimming and disbudding</p>	<p>3.5.1 Animals restrained and handled safely without causing harm and stress.</p> <p>3.5.2 Dirt, and debris removed from horn/hoof and inspected for any sign of injuries or abnormalities.</p> <p>3.5.3 Overgrown horn/hoof trimmed and smoothed without injuries.</p> <p>3.5.4 Horn bud removed and petroleum jelly applied around disbudding area.</p>
<p>3.6 Collect sample</p>	<p>3.6.1 <b>Sample</b> collected in a clean and sterile container as directed by farm supervisor.</p> <p>3.6.2 Sample container sealed and <b>label</b> placed in container.</p> <p>3.6.3 Sample handed over to farm supervisor.</p>
<p>3.7 Dispose dead animals</p>	<p>3.7.1 Farm supervisor informed about dead animal.</p> <p>3.7.2 Pit of required size dug as per size of dead animal.</p> <p>3.7.3 Chemicals evenly spread in pit and dead animals buried as per instructions.</p> <p>3.7.4 Farm area disinfected.</p> <p>3.7.5 Disposal record maintained as per farm practice.</p>
<p>3.8 Provide care to pregnant, lactating and new born animal</p>	<p>3.8.1 Production stage of animal identified and provided a clean and comfortable bedding.</p> <p>3.8.2 Special care provided based on production stage.</p> <p>3.8.3 Feed provided as per feeding chart.</p> <p>3.8.4 Animal of peri-parturient stage placed in calving pen and observed parturient sign and reported to supervisor.</p> <p>3.8.5 Mucous cleaned, navel cut and colostrum fed.</p> <p>3.8.6 Animals regularly monitored for sign of distress, illness or complications.</p>
<p>3.9 Clean shed area</p>	<p>3.9.1 Tools and equipment cleaned, disinfected and stored in designated place.</p>





		<p>3.9.2 Leftover from feeding area removed and placed in designated area.</p> <p>3.9.3 Shed area cleaned, disinfected, waste segregated and disposed as per <b>3R's principle</b> at designated location.</p>
6	<p><b>Task Performance Requirements (Tools, Equipment and Materials):</b></p> <ul style="list-style-type: none"> <li>Spade, shovel, pick axe, casting rope, heater/brooder, bucket, weighing scale, feeders, drinkers, emergency light, disbudding disc, petroleum jelly, grooming brush, sprayer/shower, chaff cutter, hoof cutter, dehorner, drenching gun, thermometer, knife, measuring tape, lime, salt, cool box, soap, towel, sample container, zip lock bag, navel cord removal kit (scalpel blade, betadine, gauge cotton, nylon thread, examination gloves), feed ingredients, clean cloth, dust bin, dust pan, broom, disinfectant, first aid kit and personal protective equipment (PPE).</li> </ul>	
7	<p><b>Safety and Hygiene (Occupational Health and Safety):</b></p> <ul style="list-style-type: none"> <li>Apply personal protective equipment.</li> <li>Safe handling of tools, equipment and materials.</li> <li>Prevent from animal attack.</li> <li>Prevent from diseases transmitted by animals.</li> </ul>	



8	Required Knowledge		
	Technical Knowledge	Applied Calculation	Graphical Information
	<ul style="list-style-type: none"> <li>• Tools, equipment and materials               <ul style="list-style-type: none"> <li>○ Types</li> <li>○ Uses</li> <li>○ Safe handling</li> <li>○ Storage</li> </ul> </li> <li>• Behavior of healthy and sick animals</li> <li>• Animal restraint and isolation</li> <li>• Normal body temperature and respiration rate</li> <li>• Preventive measures (Dipping, dusting, drenching, vaccination and disinfection)</li> <li>• Care required for pregnant, lactating and new born animals</li> <li>• Animal grooming and care</li> <li>• Hoof and horn trimming</li> <li>• Dehorning and disbudding</li> <li>• Sample (milk, urine, faeces) collection method</li> <li>• Dead animal disposal technique</li> <li>• Importance of personal hygiene and sanitation</li> <li>• Shed cleaning and waste management</li> </ul>		<ul style="list-style-type: none"> <li>• Read and interpret manufacturer's instruction</li> <li>• Read and interpret feeding chart</li> </ul>



	<ul style="list-style-type: none"><li>• Record keeping and documentation</li><li>• Importance of first aid</li><li>• Occupational health and safety rules and regulations</li></ul>		
--	---	--	--



9	<b>Assessment of Competency</b>				
<b>Unit: 3</b>					
<b>Unit Title: Provide basic animal health care</b>					
<b>Candidate Details</b>			<b>Assessors Detail</b>		
Candidate's Name:			Assessors' Name		ID/License No:
Registration Number:			1.		
Symbol No:			2.		
Test Centre:			3.		
Test Date:					
Element of competency	Performance Standards	Standard Met	Standard Not Met	Evidence Type	Comments
3.1 Prepare tools, equipment and materials	3.1.1 <b>Personal protective equipment</b> (PPE) used in accordance with task requirement.				
	3.1.2 Tools and equipment selected and collected as per task requirement.				
	3.1.3 Materials collected as per task requirement.				
3.2 Isolate sick animals	3.2.1 Healthy and sick animal identified based on <b>animal behavior and external appearance</b> .				
	3.2.2 Body temperature and respiration rate measured and recorded.				
	3.2.3 <b>Isolation area</b> prepared based on types of animal with dry bedding for comfort.				



	<p>3.2.4 Sick animal restrained without causing harm and stress and kept in isolation area.</p> <p>3.2.5 Feed provided as recommended by farm supervisor.</p>				
3.3 Provide medication	<p>3.3.1 Medicine collected and prepared as per prescription.</p> <p>3.3.2 Animal restrained and handled safely without causing harm and stress.</p> <p>3.3.3 Oral and topical medication administered as prescribed.</p> <p>3.3.4 Animals observed for any adverse reactions or sign of discomfort after medication.</p> <p>3.3.5 Medication record maintained as per farm practice.</p> <p>3.3.6 Medicinal waste disposed as per 3R principle.</p>				
3.4 Perform animal grooming	<p>3.4.1 Animal restrained and handled safely without causing harm and stress.</p> <p>3.4.2 Dirt and debris removed from body parts and animal showered.</p> <p>3.4.3 <b>Major body parts</b> inspected for sign of abnormal discharges and injuries.</p> <p>3.4.4 Record of grooming activities maintained as per farm practice.</p>				
3.5 Perform horn, hoof trimming and disbudding	<p>3.5.1 Animals restrained and handled safely without causing harm and stress.</p>				



	<p>3.5.2 Dirt, and debris removed from horn/h hoof and inspected for any sign of injuries or abnormalities.</p> <p>3.5.3 Overgrown horn/h hoof trimmed and smoothed without injuries.</p> <p>3.5.4 Horn bud removed and petroleum jelly applied around disbudding area.</p>				
3.6 Collect sample	<p>3.6.1 <b>Sample</b> collected in a clean and sterile container as directed by farm supervisor.</p> <p>3.6.2 Sample container sealed and <b>label</b> placed in container.</p> <p>3.6.3 Sample handed over to farm supervisor.</p>				
3.7 Dispose dead animals	<p>3.7.1 Farm supervisor informed about dead animal.</p> <p>3.7.2 Pit of required size dug as per size of dead animal.</p> <p>3.7.3 Chemicals evenly spread in pit and dead animals buried as per instructions.</p> <p>3.7.4 Farm area disinfected.</p> <p>3.7.5 Disposal record maintained as per farm practice.</p>				
3.8 Provide care to pregnant, lactating and new born animal	<p>3.8.1 Production stage of animal identified and provided a clean and comfortable bedding.</p> <p>3.8.2 Special care provided based on production stage.</p> <p>3.8.3 Feed provided as per feeding chart.</p> <p>3.8.4 Animal of peri-parturient stage placed in calving pen and</p>				



	<p>observed parturient sign and reported to supervisor.</p> <p>3.8.5 Mucous cleaned, navel cut and colostrum fed.</p> <p>3.8.6 Animals regularly monitored for sign of distress, illness or complications.</p>				
3.9 Clean shed area	<p>3.9.1 Tools and equipment cleaned, disinfected and stored in designated place.</p> <p>3.9.2 Leftover from feeding area removed and placed in designated area.</p> <p>3.9.3 Shed area cleaned, disinfected, wastes segregated and disposed as per <b>3R's principle</b> at designated location.</p>				

**WT**- Written Test

**OQ**- Oral Question

**PT**- Practical Test

**DO** – Direct Observation

**SR**- Supervisor’s report

**SN**–Simulation

**RP**- Role Play

**PG** –Photographs

**VD**- Video

**CT** – Certificates

**TS** – Testimonials (Reward)

**PP** – Product Produced

**CS** – Case Study



NOSS ID: #

Developed Date: 2024-01-07

Revision Number: ##

Revised Date: dd/mm/yy

Page:31



2045

## Range Statement

Variable	Range
Personal protective equipment	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Helmet</li> <li>• Mask</li> <li>• Apron</li> <li>• Gloves</li> <li>• Safety shoes</li> </ul>
Animal behaviour and external appearance	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Eating behaviour</li> <li>• Respond to attendant</li> <li>• Gait</li> <li>• Body discharge</li> <li>• Body coat</li> <li>• Posture</li> <li>• Visible wound or swelling</li> <li>• Unusual sound</li> </ul>
Isolation area	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Room</li> <li>• Chamber</li> <li>• Shed</li> <li>• Box</li> <li>• Travis</li> </ul>





Major body parts	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Eye</li> <li>• Ear</li> <li>• Nose</li> <li>• Teeth</li> <li>• Skin</li> <li>• Outer genital organs</li> <li>• Udders</li> </ul>
Sample	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Milk</li> <li>• Urine</li> <li>• Faeces</li> </ul>
Label	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Animal identification</li> <li>• Date</li> <li>• Sample type</li> </ul>
3R's principle	<p><i>May include but not limited to:</i></p> <ul style="list-style-type: none"> <li>• Reduce</li> <li>• Reuse</li> <li>• Recycle</li> </ul>

