





QUALIFICATION FILE

Livestock Service Provider

Divestock service i rovider
$oxtimes$ Short Term Training (STT) \Box Long Term Training (LTT) \Box Apprenticeship
\square Upskilling \square Dual/Flexi Qualification \square For ToT \square For ToA
⊠General □ Multi-skill (MS) □ Cross Sectoral (CS) □ Future Skills □ OEM NCrF/NSQF Level: 4
Submitted By:
Agriculture Skill Council of India

Unit No. 101, First Floor, Greenwoods Plaza, Block 'B', Greenwoods City, Sector 45, Gurugram -122009, Haryana.

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QUALIFICATION FILE - STT

Section 1: Basic Details

1.	Qualification Name	Livestock Service Provider							
2.	Sector/s	Agriculture							
3.	Type of Qualification: ☐ New ☒ Revised ☐ Has	NQR Co	de & vers	ion of existing qualification:	Qualifica	ation Name of existing/previous version	:		
	Electives/Options	2021/A	GR/ASCI/C	04714 & Version 6.0	Livestock Service Provider				
	□оем								
4.	a. OEM Name	NA							
	b. Qualification Name (Wherever applicable)								
5.	National Qualification Register (NQR) Code & Version	2022/A	GR/ASCI/C	06547 & Version 7.0	6. NCr	F/NSQF Level: 4			
	(Will be issued after NSQC approval)								
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other	Certificate							
	(Wherever applicable specify multiple entry/exits also & provide details in annexure)								
8.	Brief Description of the Qualification	A Livestock Service Provider provides preventive health care, assistance in contagious disease control, and							
		basic first aid services to farm animals and poultry, mostly in the outdoor setting. S/he also plays a role in veterinary extension, disaster management, and other environmental, public health-related services							
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee		•	cation & Relevant Experience:	ther enviro	onmental, public health-related services			
٥.	Zingilanity circuit for Zinity for Statemy Frances, Zearner, Zimproyee	a. Liit	ry Quann	•					
			S. No.	Academic/Skill Qualification Specialization - if applicab	•	Required Experience (with Specialization - if applicable)			
			1	10th Class		2 Years of relevant experience			
			2	10th Class Pass and pursuing con regular schooling	tinuous				
			3	8th Class		3 Years of relevant experience			
			4	Previous relevant qualification of Level 3 with minimum education grade pass					
		b. Age	e: 17						
10.	Credits Assigned to this Qualification, Subject to Assessment (as per	Min: 17			11. Con	nmon Cost Norm Category (I/II/III) (where	ever		
	National Credit Framework (NCrF))	Max: 19)		applicable): I				

12.	Any Licensing requirements for Undertaking Training on This	NA								
	Qualification (wherever applicable)									
13.	Training Duration by Modes of Training Delivery (Specify Total	☑Offline □Online □Blended								
	Duration as per selected training delivery modes and as per requirement of	Training Delivery	Theory	Practical	OJT	OJT	Total			
	the qualification)	Modes	(Hours)	(Hours)	Mandatory	Recommended	(Hours)			
					(Hours)	(Hours)				
		Classroom (offline)	180	180	150		510			
		Online								
		(Refer Blended Learning Ann								
		Option: Implementation of a			1	OJT	Total			
		Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory	Recommended	Total (Hours)			
		ivioues	(Hours)	(Hours)	(Hours)	(Hours)	(Hours)			
		Classroom (offline)	30	30	(Hours)	(110013)	60			
14.	Aligned to NCO/ISCO Code/s (if no code is available mention the same)	NCO-2015/6116								
15.	Progression path after attaining the qualification (Please show	Livestock Service Provider (L4), Veterinary Field Assistant/ Veterinary Clinical Assistant(L5)								
13.	Professional and Academic progression)	Execution Service Fromuel (LT), veterinary Freid Assistant, veterinary clinical Assistant(LS)								
	,									
16.	Other Indian languages in which the Qualification & Model	Hindi								
	Curriculum are being submitted									
17.	Is similar Qualification(s) available on NQR-if yes, justification for	☐ Yes No URLs of sign	milar Qualifica	tions:						
	this qualification									
18.	Is the Job Role Amenable to Persons with Disability	⊠ Yes □ No								
		If "Yes", specify applicab	le type of Disa	bility: SHI						
19.	How Participation of Women will be Encouraged	Batches specific to wome	en will be form	ned						
20.	Are Greening/ Environment Sustainability Aspects Covered (Specify	⊠ Yes □ No								
	the NOS/Module which covers it)	DGT/VSQ/N0102 (v1.0)								
21.	Is Qualification Suitable to be Offered in Schools/Colleges	Schools ⊠ Yes □ No	Colleges ⊠ Y	es 🗆 No						
22.	Name and Contact Details of Submitting / Awarding Body SPOC	Name: Ms Priyanka Prak	ash							
	(In case of CS or MS, provide details of both Lead AB & Supporting ABs)	Email: priyanka@asci-in	dia.com			Contact No.: 0	L24-4670029			
		Website: www.asci-india	.com							
23.	Final Approval Date by NSQC: 25/11/2021	24. Validity Duration: 3	years post NSC	QC :	25. Next Review	Date: 25/11/2024				
		Approval								

Section 2: Module Summary

NOS/s of Qualifications

(In exceptional cases these could be described as components)

Mandatory NOS/s:

Specify the training duration and assessment criteria at NOS/ Module level. For further details refer curriculum document.

Th.-Theory Pr.-Practical OJT-On the Job Man.-Mandatory Training Rec.-Recommended Proj.-Project

S. No	NOS/Module Name	NOS/Modul	Core/	NCrF/NS	Credits	redits Training Duration (Hours) Assessment Marks										
		e Code & Version (if applicable)	Non- Core	QF Level	as per NCrF	Th.	Pr.	OJT- Man.	OJT- Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1	Controlling/restraining / examination of animals	AGR/N4801 (v2.0)	Core	4	1	10	20			30	33	48		19	100	10
2	Conducting Vaccination and implementing regular preventive health care program	AGR/N4802 (v2.0)	Core	4	2	20	40			60	35	43		22	100	15
3	Veterinary First Aid	AGR/N4805 (v2.0)	Core	4	2	20	40			60	34	49		15	98	20
4	Assisting government agencies in animal disease control with One Health approach	AGR/N4807 (v2.0)	Core	4	1	20	10			30	40	37		23	100	10
5	Assisting in veterinary extension services	AGR/N4808 (v2.0)	Core	4	2	20	40			60	60	30		10	100	20
6	Development program implementation and marketing in the livestock sector	AGR/N4810 (v3.0)	Core	4	1	20	10			30	30	40		30	100	10
7	Assisting in Animal Welfare, Breed Conservation, and Disaster Management	AGR/N4823 (v1.0)	Core	4	1	10	20			30	45	40		15	100	10
8	Employability Skills (60 Hours)	DGT/VSQ/N 0102 (v1.0)	Non- Core	4	2	60				60	20	30			50	5
9	OJT (Mandatory)				5			150								

S. No	NOS/Module Name	NOS/Modul	Core/	NCrF/NS	Credits	Training Duration (Hours)					Assessment Marks					
		e Code &	Non-	QF Level	as per	Th.	Pr.	OJT-	OJT-	Total	Th.	Pr.	Proj.	Viva	Total	Weightage
		Version (if	Core		NCrF			Man.	Rec.							(%) (if applicable)
		applicable)														арріісавіе)
Duration (in Hours) / Total Marks				17	180	180	150		510	297	317		134	748	100	

Optional NOS/s: Implementation of animal breeding services in small farm animals

S. No	NOS/Module Name	NOS/Modul	Core/	NCrF/NS	Credits	Training Duration (Hours)						Assessment Marks				
		e Code &	Non-	QF Level	as per	Th.	Pr.	OJT-	OJT-	Total	Th.	Pr.	Proj.	Viva	Total	Weightage
		Version (if	Core		NCrF			Man.	Rec.							(%) (if
		applicable)														applicable)
1.	Implementation of animal	AGR/N4821														
	breeding services in small farm	(V2.0)	Core	4	2	30	30			60	47	37		16	100	10
	animals (if required)	(V2.0)														
Duration	Duration (in Hours) / Total Marks				2	30	30			60						

Assessment - Minimum Qualifying Percentage

Please specify **any one** of the following:

Minimum Pass Percentage – Aggregate at qualification level: 70 % (Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

Minimum Pass Percentage – NOS/Module-wise: ____% (Every Trainee should score specified minimum passing percentage in each mandatory and selected elective NOS/Module to successfully clear the assessment.)

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant	10th Class with 7 years of relevant industry or training experience in Animal welfare with registered
	sector (in years) (as per NCVET guidelines)	Corporates or Not for Profit Organizations
		OR
		Diploma (Veterinary / Animal Husbandry / Dairying) with 5 years of relevant industry or training
		experience in Animal welfare (Regular Diploma more than 15 months in veterinary /Animal Husbandry
		/ Dairying)
		OR
		Ex-Service-Man including Ex- Paramilitary personnel: Minimum Qualification is 10+2 with an
		Honorable Discharge/Pension*

		*SSC would consider a relaxation/waiver of sector specific experience on case to case basis.
		OR
		Graduate (Agriculture) with 4 years of relevant industry or training experience in Animal welfare**
		**For school Program minimum qualification of Trainer should be Graduate in (Agriculture/Zoology).
		Their Teaching experience will be considered industry experience
		OR
		B.Tech (B. Tech (Dairy)) with 3 years of relevant industry or training experience in Animal welfare
		OR
		B.Sc (Graduate (B. V. Sc.)) with 1 years of relevant industry or training experience in Animal welfare
		OR
		Post Graduate (Animal science)
2.	Master Trainer's Qualification and experience in the	5 years of relevant training experience in Animal welfare after Graduation (Agriculture) and 4 years of
	relevant sector (in years) (as per NCVET guidelines)	relevant industry experience in Animal Welfare
		OR
		5 years of relevant training experience in Animal welfare after B. Tech (Dairy) and 3 years of relevant
		industry experience in Animal welfare.
		OR
		5 years of relevant training experience in Animal welfare after B.Sc. (B. V. Sc.) with 1 year of relevant industry experience in Animal welfare.
		OR
		5 years of relevant training experience in Animal welfare after Post Graduation (Animal science)
3.	Tools and Equipment Required for Training	⊠Yes □No (If "Yes", details to be provided in Annexure)
4.	In Case of Revised Qualification, Details of Any	NA NA
	Upskilling Required for Trainer	

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant	B. V. Sc. with 4 years of relevant experience in Animal Science/Veterinary Science /related experience
	sector (in years) (as per NCVET guidelines)	OR
		M. V. Sc with 2 years of relevant experience in Animal Science/Veterinary Science /related experience
		OR
		Ph.D. in Veterinary Science/Animal Husbandry/ Veterinary Clinical Medicine/Veterinary Clinical
		Sciences) with 1 year of relevant experience in Animal Science/Veterinary Science /related experience

2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Diploma/Graduate (It is mandatory for a proctor to have technical knowledge/IT knowledge Once a proctor has been on-boarded by any AA, they are oriented about skill ecosystem along with do's and don'ts.)
3.	Lead Assessor's/Proctor's Qualification and experience	M. V. Sc with 10 years of relevant experience in Animal Science/Veterinary Science /related experience
	in relevant sector (in years) (as per NCVET guidelines)	
4.	Assessment Mode (Specify the assessment mode)	Offline
5.	Tools and Equipment Required for Assessment	☑ Same as for training ☑ Yes ☐ No (details to be provided in Annexure-if it is different for Assessment)

Section 5: Evidence of the need for the Qualification

Provide Annexure/Supporting documents name.

1.	Latest Skill Gap Study (not older than 2 years) (Yes/No): under PMKVY scheme
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): under PMKVY scheme
3.	Government /Industry initiatives/ requirement (Yes/No): Government Initiative, part of PMKVY 4.0
4.	Number of Industry validation provided: 16
5.	Estimated nos. of persons to be trained and employed: 600
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: Yes, Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrF/NSQF level justification based on NCrF level/NSQF	Annexure-1
	descriptors (Mandatory)	
2.	Annexure: List of tools and equipment relevant for qualification	Annexure-2
	(Mandatory, except in case of online course)	
3.	Annexure: Detailed Assessment Criteria (Mandatory)	Annexure-5
4.	Annexure: Assessment Strategy (Mandatory)	Annexure-6
5.	Annexure: Blended Learning (Mandatory, in case selected Mode of delivery	NA .
	is "Blended Learning")	

6.	Annexure: Multiple Entry-Exit Details (Mandatory, in case qualification has	NA
	multiple Entry-Exit)	
7.	Annexure: Acronym and Glossary (Optional)	
8.	Supporting Document: Model Curriculum (Mandatory – Public view)	Annexure-7
9.	Supporting Document: Career Progression (Mandatory - Public view)	Veterinary Field Assistant/ Veterinary Clinical Assistant(L5)
10.	Supporting Document: Occupational Map (Mandatory)	Annexure-8
11.	Supporting Document: Assessment SOP (Mandatory)	Annexure-9
12.	Any other document you wish to submit:	

Annexure 1: Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the	How the job role/ outcomes relate to the NCrF/NSQF level	NCrF/NSQF Level
	qualification	descriptor	
Professional Theoretical	 Controlling /restraining of animals 	The livestock service provider carry out various range of	4
Knowledge/Process	 Veterinary Extension Services 	activities in routine like controlling/ restraining of	
		animals, assisting government agencies in animal	
		disease control, animal welfare, breed conservation and	
		veterinary extension services.	
Professional and Technical	 Assist in analysing of Animal 	The livestock service provider need to know the basics	4
Skills/ Expertise/ Professional	Behaviour	off animal behaviour, possible stimulus and negative	
Knowledge	 Understanding of flight Zone 	responses, the knowledge of flight zone, and point	
	 Administer appropriate emergency 	balance. They should also investigate and analyse stimuli	
	animal health operations	and animal behaviour. They must have knowledge of	
	·	vaccine administration and other healthcare operations	
Employment Readiness &	 Provide veterinary first aid services 	The job holder is expected to recall and demonstrate	4
Entrepreneurship	 Implementation of animal breeding 	practical skills in activities like use of veterinary first aid	
Skills & Mind-	Implement preventive animal	and implementation of animal breeding services in small	
set/Professional Skill	healthcare program	farm animals. They have to use tools and equipment to	
	· •	restrain animals. They have to perform routine and	
		repetitive tasks like implementing regular preventive	
		animal healthcare program.	
Broad Learning	Animal handling & safety guidelines	The job holder is expected to correctly perform the tasks	4
Outcomes/Core Skill		related to application of general principles of animal	

	 Use of Tools and equipment's to restrain animals Maintain safe and healthy work environment Maintain animal data record 	handling and safety guidelines, use of tools and equipments to restrain animals, to understand the safety issues in the work environment, and to communicate with farmers etc. individual requires communication skills with required clarity, and basic understanding of social, political and natural environment. They require basic writing skill for animal data recording	
Responsibility	 Animal Development Programs Marketing of livestock 	The Job holder has responsibility of implementation of animal breeding services in small farm animals, development program implementation and marketing in livestock sector. They have some responsibility within defined limit, they neither have full responsibility of own work like in level 5 nor no responsibility like level 3.	4

Annexure 2: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size: 30

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Masks	Nos	30
2	Artificial Insemination Gun	Nos	1
3	Mineral Mixture	Kg	1
4	Subject Specific Posters	Nos	8
5	Oil Cakes	Kg	1
6	Repository of short relevant skill videos (e.g. one showing specific animal behavior)	Nos	2
7	Video recording equipment	Nos	1
8	Animal First aid box	Nos	1
9	Rubber gloves	Nos	30
10	Safety Shoes	Nos	30

11	Ear Tags	Nos	5
12	Ear Tags Applicators	Nos	1
13	Animal Medicine Kit	Set	1
14	Vaccines	Types	5
15	Vaccinator	Nos	1
16	Casting Ropes (10-15 Meter)	Nos	1
17	Digital Thermometer	Nos	1
18	Fodder Samples (More than 2 types)	Grams	100
19	Commercial Compound Feed	Kg	1
20	Feed Ingredients Sample	Grams	100
21	Cotton Balls or Gauze	Nos	1
22	Grooming brush	Nos	1
23	Trevis	Nos	1
24	File (Reti)	Nos	1
25	Antibacterial Soaps	Nos	2
26	Scissors	Nos	2
27	Potassium Parmanganate (Lal Davai)	Grams	100

Classroom Aids

The aids required to conduct sessions in the classroom are:

- Whiteboard
- 2. Markers

Annexure 3: Industry Validations Summary

Provide the summary information of all the industry validations in table. This is not required for OEM qualifications.

S.	Organization Name	Representative	Designation	Contact	Contact Phone	E-mail ID	LinkedIn
No		Name		Address	No		Profile
							(if
							available)
1.	GenFlow AI	Nitish Gaurav	CEO	Uttar Pradesh	9990213296	business@genflowai.com	
2.		Dr.Fateha Haque					
	Vet Help Line	Barbaruah	Director	Assam	0361-2651593	info@vethelplineindia.co.in	

	T	T	Г	Г	Г		
3	Anajori Development						
	Society	Maitur Rahman	President	Assam	9678007273	anajoridevelopmentsociety@gmail.com	
4	Khalsa Vet college	Dr.P.K Kapoor	Principal	Punjab	6283466785	kcvas_amritsar@yahoo.com	
5				Madhya			
	Manav Chetna Vikas Kendra	Mr.Sagar	President	Pradesh	7869098440	sagarchawda@gmail.com	
6	Extension Education						
	Institute (EEI), Anand						
	Agricultural University,	Dr J K Patel	Director, EEI	Gujarat	9601279243	eei@aau.in	
7	Anand	DIJKFalei	Senior	Gujarat	9001279243	eer@aau.iii	
/		Dr G	Scientist				
	KVK Ariyalur	Aralukannan	and Head	Tamil Nadu	917671639	kvk.Ariyalur@icar.gov.in	
8	KVIKAIIyalai	Araidkailiail	anaricaa	UP &	317071000	RVR.741yaldi @10a1.gov.iii	
O	Koshih Seva Foundation	Dr GK Bamania	President	Gujarat	9627489580	drgkbamania@gmail.com	
9	Pandit Jawaharlal Nehru	2. 0 2		- Cujanat	0021 100000	ang maamama o g mamee m	
	College of Agriculture						
	and Research	Dr.K.S.	Assistant	U.T of			
	Institute(PAJANCOA&RI)	KUMARAVEL	Professor	Puducherry	9442155624	kriskumaravel@gmail.com	
10	College of Veterinary			-			
	Science, Sri						
	Venkateswara Veterinary						
	University Tirupati,	Dr Y Ravindra	Professor	Andhra			
	Andhra Pradesh	Reddy	and Head	Pradesh	9985484175	yeddularavi88@gmail.com	
11	State Level Training	Dr. Sameer					
	Centre, Gokhalenagar	Chandrakant					
	Pune	Borkar	Principal	Maharashtra	2025659034	sltc.pune@gmail.com	
12			Senior				
	Krishi Vigyan Kendra,		Scientist				
	Darrang	Dr. Abdul Hafiq	and Head	<u>Assam</u>	9435389521	kvkdarrangmangaldai@gmail.com	
13	Krishi Gram Vikas						
	Kendra ,Rukka,		Training				
	Jharkhand	Rajesh Kumar	Manager	Jharkhand	9534546433	rajesh.k@kgvk.org	
14	Panjat Welfare	Dr. Mintu S					
	<u>Trust,Ranchi</u>	Prakash	Secretery	Jharkhand	8210654659;	Vetcall547@gmail.com;sharmamintu547@gmail.com	
15	Tulsi Krishi Vigyan		-				
	Kendra- Deendayal		Senior				
	Research Institute,	D. Olaval	Scientist &				
	•	Dr Chandra		UP	8208873126	cmthukchitrakoot@gmail.com	
1	Chitrakoot (UP)	Mani Tripathy	Head	02	07000/2170	cmtkvkchitrakoot@gmail.com	

Approved in 13th NSQC Meeting & 25th November 2021 Rationalized in 24th NSQC Meeting Date 17th November 2022

QUALIFICATION FILE - STT

16			Asst				
		Ashwani	manager-				
	Sudha	Mandal	procurement	Bihar	9473341058	sudha.coop@gmail.com	

Annexure 4: Training & Employment Details

Training and Employment Projections:

Year	To	otal Candidates		Women	People with Disability		
	Estimated	Estimated Employment	Estimated	Estimated Employment	Estimated	Estimated Employment	
	Training #	Opportunities	Training #	Opportunities	Training #	Opportunities	
2022-23	200	100	60	20			
2023-24	200	100	60	20			
2024-25	200	100	60	20			

Data to be provided year-wise for next 3 years

Training, Assessment, Certification, and Placement Data for previous versions of qualifications:

Qualification	Year		Total Candidates			Women				People with Disability			
Version		Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed
1.0	2019-20	562	562	449	444								
2.0	2022-23	89	89	88									

Applicable for revised qualifications only, data to be provided year-wise for past 3 years.

List Schemes in which the previous version of Qualification was implemented:

1. PMKVY

Content availability for previous versions of qualifications:	
☑ Participant Handbook ☑ Facilitator Guide ☐ Digital Content	☐ Qualification Handbook ☐ Any Other:

Languages in which Content is available: Hindi and English

Annexure 5: Detailed Assessment Criteria

Detailed assessment criteria for each NOS/Module are as follows:

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	Understanding normal animal behaviour, stimulus, and responses of handled species	3	10		2
	PC1. recognize signs of fear, pain, stress, and discomfort of animal				
	PC2. handle animal and ensure cooperation				
	Prepare examination area, use of tools and equipment to restrain animals	5	11		4
	PC3. follow the prescribed procedures related to the preparation of				
	examination area				
	PC4. clean, disinfect, store and maintain assigned tools, equipment's				
	as per SOP				
	Apply general principles of animal handling and safety guidelines	6	14		5
	PC5. communicate immediately with the animal owner in case of				
	emergency				
	PC6. determine flight zone and point of balance of the animal, hold				
A CD /N/4904	animal securely and safely				
AGR/N4801: Controlling/restraining/	PC7. determine stress and injury to the animal				
examination of animals	PC8. ensure zero accident				
	Examination of animals	14	10		6
	PC9. identify history, signal, breed, age, sex, colour, and production				
	class of animal				
	PC10. conduct topographic examination around the animal and				
	record findings as per the SOPs prepared by the supervisor				
	Understanding of safety issues in the work environment	5	3		2
	PC11. protect oneself from any physical injury caused due to animal				_
	handling				
	PC12. use various personal protective materials/equipment				
	PC13. follow the bio-security guideline, recognize signs of health,				
	assess the risk of diseases that can be transmitted through animal to				
	human				
	Total Marks	33	48		19
AGR/N4802 Implementing regular	Animal identification and data recording	5	12		3
preventive animal health care	PC1. practice tagging of animals as per standard protocol		_		
program	PC2. use field data collection tools (including electronic/mobile-				
	based data collection) as per given specifications				
	Dased data collection) as her given specifications				<u> </u>

5

separate syringe for different vaccines, etc

Preventive de-worming.

of de-worming PC18. use only permissible products, follow appropriate dose and procedure of administration (as per the directive of supervising veterinarian) Spraying of animals/birds or use of other methods for control of ectoparasites / vectors PC19. use only permissible products, ensuring appropriate dose and procedure of application PC20. ensure scale of operation by involving a maximum number of farmers in a given area PC21. take precaution for minimum effect on animal/immediate environment Record keeping of preventive interventions, monitoring, and follow up 4 7 4 PC22. ensure the record of a given vaccine and administration-related information (individual/herd level) along with batch numbers etc., as per given format PC23. timely report vaccine failure to appropriate authority as per format PC24. support laboratory for sample test etc. as per directive for monitoring of success of vaccination program PC25. ensure herd coverage and continuity of vaccination program PC25. ensure herd coverage and continuity of vaccination program PC25. ensure herd coverage and continuity of vaccination program PC25. ensure herd coverage and continuity of vaccination program PC25. ensure herd coverage and continuity of vaccination program PC26. prepare an aseptic solution PC2. clean hooves, feet and other areas with antiseptic solutions Treatment of non-infectious conditions like indigestion, anorexio, constipation, tymponi, impaction, diarrhea etc. PC3. analyse the emergency situation and use commonly suggested medications / follow precautions as per manual prepared by supervisor PC4. identify common symptoms of diseases in animals and report accordingly		PC17. follow local area guidelines regarding species, age, and season			
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accordingly					
DOS the Uffice of the Control of the United States		<u> </u>			
PC5.identify common infection/scheduled animal diseases and		·			
ensure timely reporting of the same					
Provide immediate support to accidental situations like poisoning, sun-stroke, electrocution, burn injuries, etc.		electrocution, burn injuries, etc.	7	8	3
PC6 identify from symptoms the cause of the accident		PC6.identify from symptoms the cause of the accident			

				T	
	PC7.assess the severity of the accident and suggest for consultation				
	with a veterinarian				
	PC8.ensure safety of self and others present near the site of				
	accident				
	PC9.provide basic/immediate care as specified for each type of				
	accidents				
	Handling of superficial wound and trauma	5	12	3	
	PC10.use cure, clean and protect the wound and stop bleeding				
	Initial support in cases like prolapse of uterus.	5	12	3	
	PC11.demonstrate aseptic handling and protection of the prolapsed				
	organ(s) before the arrival of a veterinarian				
	Total Marks	34	49	15	5
AGR/N4807: Assisting government agencies in animal	Assist the implementation of collaborative activities data gathering including that under one health-related program	4	3	3	
disease control	PC1.relate to multiple factors that can predispose or cause the				
	spread of diseases				
	PC2.defend the "one health approach" approach in controlling				
	diseases and cooperate with partnering agencies/ integrated team				
	Provide leadership for local resource mobilization and partnership	-	4	1	
	PC3.support local resources (e.g. support materials, skills and				
	abilities of local people) to strengthen government effort at				
	reaching out to farmers for events like vaccination camps, etc.				
	Implement biosecurity norms within identified area/livestock market/farms as per	3	2		
	guideline	3	3	4	
	PC4.update government records on livestock markets/farms				
	PC5.engage with officials of local self-government and market				
	institutions				
	PC6.guide implementation of approved government guidelines				
	related to the market operation, cleaning, etc.				
	Record and reporting of the animal movement route (including cross border	3		2	
	movement)	3		2	
	PC7.describe routes in relation to approved maps/known border				
	areas	<u> </u>			
	PC8.apply judgment regarding nature of trade/frequency of				
	movement/animal holding areas, volume, etc.				
	PC9.report animal movement as per standard format				
	Create awareness on livestock value chain/transport- related risky practices	5	4	1	

	PC10.explain common activities from farm to fork, relationships between people and movement of goods in livestock/poultry related business				
	PC11.identify risky practices and report to veterinarians/superior officers				
	Administration of preventive herd level medication (where suggested)	3	-		2
	PC12.comply directives and guidelines				
	Reporting of disease incidence /outbreak	5	5		5
	PC13.use a standard format for reporting				
	Sample collection	8	10		2
	PC14.collect necessary samples for diagnosis of disease as directed by supervising veterinarian				
	PC15.practice necessary record keeping associated with sample identification				
	PC16.follow proper packaging procedure as per the guidance of				
	supervisor				
	Supervise culling and disposal of animals /bird.	6	3		1
	PC17.practice humane culling methods				
	PC18.ensure scientific disposal of culled carcasses as per guidelines				
	Supervise disinfection of farm premise / local area	3	5		2
	PC19.ensure the use of appropriate disinfectant and adoption of to				
	the prescribed procedure of application				
	PC20.ensure coverage of areas/ farms as per the suggestion of government authority				
	Total Marks	40	37		23
AGR/N4808: Assisting in veterinary extension services	Promoting approved technology and best practices (including organic practices) in livestock farming, handling animal products	30	20	-	2
	PC1.understand and explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations, opportunities, and constraints				
	PC2.give feedback on technology application in the field and need for improvement				
	PC3.organize extension events based on farmer convenience and seasonal suitability				
	Assist farmers on quality farm input selection and procurement	20	10	-	-
	PC4.understand and explain quality parameters regarding various farm inputs				

					1
	PC5.identify sources, plan and organize farmers for intelligent				
	(timely, quality, and appropriate cost- based) procurement of inputs				
	Assist in maintaining the record of farmer meeting/farm school activities	5	-	-	5
	PC6.keep the record that can help make farmer meeting and farm				
	school activities 'targeted' and 'need based'				
	Use of mobile and other technologies for extension/client education.	5	-	-	3
	PC7.use modern communication devices, audio- visual aids to				
	explain farmers/clients				
	Total Marks	60	30		10
	Facilitate implementation of government / private development programs including livestock insurance	10	13		7
	PC1.promote awareness of programs and help in targeted				
	beneficiary selection as envisioned in the project/program				
	PC2.work with selected project beneficiaries in implementing				
	activities as envisaged in promoted programs				
	PC3.practice ear tagging in livestock and register animal for				
	insurance				
	Engagement with 'farmers' institutions and local self- government (Panchayat)	5	10		5
	PC4.attend and support during meeting/programs of farmer's				
	institutions/panchayats				
	PC5.inform/involve farmer leaders/panchayat functionaries in the				
	selection of program beneficiaries				
4 CD (N404 C D 1	PC6.facilitate organization's panchayat endeavor to ensure				
AGR/N4810 Development program implementation and	convergence of development projects for synergy				
marketing in the livestock sector	Facilitate agri-livestock related economic activity of self-help groups	10	5		10
3	PC7.support and handhold formation of self-help groups				
	PC8.guide farmers on business options and basic economics of				
	various livestock-linked activities				
	PC9.maintain a conducive environment for all the genders and				
	Persons with Disabilities (PwD)				
	Facilitate marketing of livestock farm inputs / products	5	12		8
	PC10.support farmers to produce for market and ensure	3	12		U
	aggregation, collective marketing of livestock products				
	PC11.deliver market-related e.g. prices, etc. information to farmers				1
				+	
	PC12.generate information on livestock farm inputs e.g. feed,				
	fodder, supplements, etc.				1
	PC13.ensure equal participation of people across the genders and				
	PwD in farmer's groups				

	Total Marks	30	40	-	30
AGR/N4823 Assisting in Animal	Identifying and reporting cruelty to animals/birds	5	3		2
Welfare, Breed Conservation, and	PC1. Identify and explain the cruelty for effective reporting				
Disaster Management	Supporting the management of human-animal conflict	3	5		2
	PC2.explain the stakeholders on common prevention and protection				
	strategies related to the common conflict situation				
	Promotion of rearing of purebred indigenous animals	5	3		2
	PC3.recognize and promote the economic use of indigenous farm				
	animals				
	Addressing the needs of disabled, infirm animals (in Gaushala's the protective shelters for cows in India)	10	16		4
	PC4.ensure specific housing requirements of disabled, infirm				
	animals				
	PC5.provide required care to recumbent animals				
	Supporting disaster preparedness and handling	22	13		5
	PC6.help in stocking (as a preparedness) and mobilization of				
	feed/fodder at the time of disasters				
	PC7.work with community and disaster management authorities to				
	provide safe passage to animals/livestock				
	PC8.provide care/shelter to animals in distress				
	PC9.undertake appropriate measures for carcass disposal				
	PC10.undertake culling and other measures suggested in case of				
	disease-related emergencies				
	Total Marks	45	40		15
DGT/VSQ/N0102: Employability	Introduction to Employability Skills	1	1	-	-
Skills (60 Hours)	PC1. identify employability skills required for jobs in various				
	industries				
	PC2. identify and explore learning and employability portals				
	Constitutional values – Citizenship	1	1	-	-
	PC3. recognize the significance of constitutional values, including				
	civic rights and duties, citizenship, responsibility towards society etc.				
	and personal values and ethics such as honesty, integrity, caring and				
	respecting others, etc.				
	PC4. follow environmentally sustainable practices				
	Becoming a Professional in the 21st Century	2	4	-	-
	PC5. recognize the significance of 21st Century Skills for				
	employment				

Conduct artificial insemination PC3. recognize heat in livestock

PC4. use semen of appropriate quality and blood level			
PC5. comply with the prescribed procedures in handling semen			
straw and in conducting insemination			
PC6. practice artificial insemination in time			
Assist farmers on management of unproductive animals			
PC7. illustrate farmers/clients common infertility issues and their			
handling			
PC8. guide farmers on appropriate feeding of breeding animals e.g.			
mineral supplementation, etc.			
PC9. guide farmers on maintaining an optimum number of animals			
based on breeding plan and suggest techniques to improve			
performance			
Post insemination support, data recording, and Performance monitoring of breeding			
services			
PC10. support/assist farmer in handling common difficulties related			
to animal birth			
PC11. use field data collection tools (including electronic reader /			
mobile-based data collection) as per given specifications			
PC12. provide the organization with standard required information			
such as semen used, time of heat, time of insemination, kid/piglet			
born, etc., needed to monitor breeding services			
Total Marks	47	37	16

Annexure 6: Assessment Strategy

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the Candidate on the required competencies of the program.

1. Assessment System Overview

In Agriculture Sector it is of ultimate importance that individuals dealing with crop production or livestock have the requisite knowledge and competencies to undertake the task. Based on the Assessment Criteria, SSC in association with empanelled AAs, define the test structure for the given job roles to cover the required skills and competencies. Assessment strategy consists of the following:

- 1. Multiple Choice Questions: To assess basic knowledge (Objective/Subjective)
- 2. <u>Viva</u>: To assess awareness on processes (Oral and/or written questioning)

3. Practical: To evaluate skills and identify competencies.(Observation)

Assessments for knowledge and awareness on processes may be conducted through 'real time' internet based evaluation or by conducting the same 'offline' through TABs. Skills and competencies are to be assessed by conducting 'practical' on ground through qualified and ToA certified assessors.

While it is important that an individual has adequate knowledge and skills to perform a specific task, weight age for different aspects for assessment are given as follows:

Multiple Choice Questions: 20%-30%, depending on the specific QP

Viva: 20%

Practical: 50% - 60% (Involves demonstrations of applications and presentations of procedures/tasks and other components)

Assessment will be carried out by certified assessors through empanelled assessment partners. Based on the results of assessment; ASCI will certify the learners/candidates

2. Testing Environment

Assessments are conducted on laptops, Mobiles and android tablets via both offline and online mode depending on the internet connectivity at assessment location.

In remote locations/villages, assessments get delivered through tablets without the requirement of Internet.

- Multilingual assessments (ASCI is conducting assessments in 13 + languages pan India)
- Rubric driven assessments in Practical/Viva sections and responses recorded accordingly
- All responses, data, records and feedback stored digitally on cloud
- Advanced auto-proctoring features photographs, time-stamp, geographic-tagging, toggle-screen/copy-paste disabled, etc.
- Android based monitoring system
- End to end process from allocation of a batch to final result upload, there is no manual intervention
- Assessment will normally be fixed for a day after the end date of training / within 7 days of completion of training.
- Assessment will be conducted at the training venue
- Room where assessment is conducted will be set with proper seating arrangements with enough space to curb copying or other unethical activities
- Question bank of theory and practical will be prepared by ASCI /assessment agency and approved ASCI. Only from approved Question Bank assessment agency will prepare the question paper. Theory testing will include multiple choice questions, pictorial question, etc. which will test the trainee on his theoretical knowledge of the subject.

facilitation be increased and facilitated

The theory, practical and viva assessments will be carried out on same day. In case of more number of candidates, number of assessors and venue

		Assessment	
Assessment Type	Formative or Summative	Strategies	Examples
Theory	Summative	MCQ/Written exam	Knowledge of facts related to the job role and functions. Understanding of principles and concepts related to the job role and functions
Practical	Summative	Structured tasks/Demonstration	Practical application /Demonstration /Application tasks
Viva	Summative	Questioning and Probing	Mock interviews on usability of job roles/advantages /importance of adherence to procedures. Viva will be used to gauge trainee's confidence and correct knowledge in handling job situation

The question paper pre-loaded in the computer /Tablet and it will be in the language as requested by the training partner.

3. Assessment Quality Assurance framework

Assessment Framework and Design:

Based on the Assessment Criteria, SSC in association with AAs will define the test structure for the given roles to cover the required skills and competencies. ASCI offer a bouquet of tools for multi- dimensional evaluation of candidates covering language, cognitive skills, behavioral traits and domain knowledge.

Theoretical Knowledge - Item constructs and types are determined by theoretical understanding of the testing objectives and published research about the item-types and constructs that have shown statistical validity towards measuring the construct. Test item types which have been reported to be coachable are not included. Based on these, items are developed by domain experts. They are provided with comprehensive guidelines of testing objectives of each question and other quality measures.

Type – Questions based on Knowledge Required, Case-based practical scenario questions and automated simulation based questions.

Practical Skills - The practical assessments are developed taking into consideration two aspects: what practical tasks is the candidate expected to perform on the job and what aspects of the job cannot be judged through theoretical assessments. The candidates shall be asked to perform either an entire task or a set of subtasks depending on the nature of the job role

Type – Standardized rubrics for evaluation against set of tasks in a demo/practical task

Viva Voce - Those practical tasks which cannot be performed due to time or resource constraints are evaluated through the viva mode. Practical tasks are backed up with Viva for thorough assessment and complete evaluation

Type – Procedural questions, do's and don'ts, subjective questions to check understanding of practical tasks.

Assessor has to go through orientation program organized by Assessment Agency. The training would give an overview to the assessors on the overall framework of QP evaluation. Assessor shall be given a NOS and PC level overview of each QP as applicable. Overall structure of assessment and objectivity of the marking scheme will be explained to them. The giving of marks will be driven by an objective framework which will maintain standardization of marking scheme.

4. Type of Evidence and Evidence Gathering Protocol:

During the assessment the evidences collected by AAs and ASCI are:

- Geo Tagging to track ongoing assessment
- AA's coordinator emails the list of documents and evidences (photos and videos) to the assessor one day prior to the assessment. List is mentioned below:
 - Signed Attendance sheet
 - Assessor feedback sheet
 - Candidate feedback sheet
 - Assessment checklist for assessor
 - Candidate Aadhar/ID card verification
 - o Pictures of classroom, labs to check the availability of adequate equipment's and tool to conduct the training and assessment
 - o Pictures and videos of Assessment, training feedback and infrastructure.
- Apart from the Assessor, Technical assistant popularly known as Proctor also ensures the proper documentation and they verify each other's tasks.
- To validate their work on the day of assessment, regular calls and video calls are done.
- On-boarding and training of assessor and proctor is done on timely basis to ensure that quality of the assessment should be maintained.
- Training covers the understanding of QP, NSQF level, NOS and assessment structure

5. Methods of Validation

- Morning Check (Pre-Assessment): Backend team of AA calls and confirms assessor/technical spoc event status. Assessor/Technical spoc are instructed to reach the centre on time by 9:30 AM / as decided with TC and delay should be highlighted to the Training Partner in advance.
- <u>Video Calls</u>: Random video calls are made to the technical spoc/assessor so as to keep check on assessment quality and ensure assessment is carried out in fair and transparent manner
- Aadhar verification of candidates
- Evening Check (Post Assessment): Calls are made to the ground team to ensure event is over by what time and the documentation is done in proper manner or not.

- <u>TP Calling</u>: To keep check on malpractice activity, independent audit team calls to TP on recorded line to take confirmation if there was any malpractice activity observed in assessment on part of AA/SSC team. If calls are not connected, email is send to TP Spoc for taking their confirmation
- <u>Video and Picture Evidence:</u> Backend team collects video and pictures for assessment on real time basis and highlights any issue like, Students sitting idle/trainer allowed for helping out candidates during assessment.
- Surprise Visit: Time to time SSC/AA Audit team can visit the assessment location and do surprise audit for assessment process carried out by ground team.
- Geo Tagging: On day of assessment, each technical spoc is required to login in our internal app which is Geo tagged. Any deviation with centre address needs to be highlighted to assessment team on real-time basis.

Method for assessment documentation, archiving, and Access:

- ASCI has fully automated result generation process in association with multiple AAs
- Theory, Practical and Viva marks forms the basis of the results and encrypted files generated to avoid data manipulation. All responses captured and stored in System with Time-Stamps at the end of AAs and SSC. NOS-wise and PC-wise scores can be generated.
- Maker Checker concept: 1 person prepares results and other audit result which is internally approved by AA at first and then gets vetted at the end of SSC
- All soft copy of documents is received from the on-ground tech team over mail. The same are downloaded by our internal backend team and saved in Repository. The repository consists of scheme wise folders. These scheme wise folders have job role specific folders. These specific folders have Year wise and Month wise folders where all documents are saved in Batch specific folders. All Hard copies are filed and stored in storeroom.
- Result Review & Recheck Mechanism –
- Time stamped assessment logs
- Answer/Endorsement sheets for each candidate
- Attendance Sheet
- Feedback Forms: Assessor feedback form, Candidate feedback form, TP feedback form
- The results for each of the candidate shall be stored and available for review (retained for 5 years/till conclusion of project or scheme)

Annexure: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	Description		
Note the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual			
Standards (NOS)	performing that task should know and also do.		
Qualification A formal outcome of an assessment and validation process which is obtained when a			
	competent body determines that an individual has achieved learning outcomes to given standards		
Qualification File A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The			
	Qualification File will be normally submitted by the awarding body for the qualification.		
Sector A grouping of professional activities on the basis of their main economic function, product, service or technology.			
Long Term Training	Long-term skilling means any vocational training program undertaken for a year and above. https://ncvet.gov.in/sites/default/files/NCVET.pdf		