



TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

TRANSNATIONAL SKILL STANDARDS for AGRICULTURE INDUSTRY (INDIAN STANDARDS BENCHMARKED to UK STANDARDS)

April 2016





TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Transnational Skill Standards Animal Health Worker

REFERENCE ID: TOS/ASC/Q1402

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Mapping for Animal Health Worker (AGR/Q4804) with UK NOS

Link to Indian Qualification Pack:

<http://www.nsdcindia.org/sites/default/files/files/AnimalHealth-Worker.pdf>

Links to UK Qualification: Not specified

How to Read this Document

This document has two sections - **Section I** and **Section II**.

Section I: Compares the NOS listing in the Indian QP –**Animal Health Worker (AGR/Q4804)** with UK NOS.

This is a job role for which there is not an exact equivalent in the UK NOS/UK Qualification. Although it is an advisory role, the individual is expected to be hands-on. An animal health worker in Indian context needs to also act as animal husbandry or extension worker besides being provider of animal health related services.

Section II: Compares the competencies described in each of the Indian NOS with those of UK.

The language of the compared competencies of the two countries differs. However, the competency pointers of the described competency can be mapped. Wherever the competency pointer maps it is reported as 'None' under the column 'Gap in Indian NOS'. Wherever the competency pointers do not map, it is identified as a gap and the corresponding UK competency is noted under the column 'Gap in Indian NOS'.

Usage of Benchmarked Transnational Standards

There will be two types of users of these benchmarked standards. One type will be of those individuals who are already trained and are certified on the corresponding Indian QP. This set of individuals will have to undergo a bridge course comprising of the identified gaps only. Thereafter, they will be assessed under the aegis of a UK Awarding body through the Indian SSC on the competency portions acquired via the bridge course. All qualifying individuals will be awarded a co-branded certificate comprising of logo of Skill India, Indian SSC and UK Awarding Body.

Those individuals who wish to be certified afresh will have to undergo training on both the Indian QP and the gaps in the Indian NOS with regard to UK competencies. Thereafter, they will be assessed under the aegis of a UK Awarding body through the Indian SSC and they will obtain a co-branded certificate comprising of logo of Skill India, Indian SSC and UK Awarding Body.

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Section I: This is a job role for which there is no exact equivalent in the UK NOS/UK Qualification. Although it is an advisory role, the individual is expected to be hands-on. An animal health worker in Indian context needs to also act as animal husbandry or extension worker besides being provider of animal health related services.

Considering skill requirements, the best matching UK NOS were selected. These included NOS at different levels of responsibility due to the diverse nature of the job.

NOS Mapping: A Summary				
Indian NOS Code	Indian NOS	UK NOS Code	UK NOS	Remarks, if any
AGR/N4801	Controlling and restraining of animals	LANAnC15	Handle and restrain animals	
AGR/N4802	Implementing regular preventive animal health care program.	LANLP17	Ensure the health and wellbeing of livestock	Two of the UK NOS are covered in one Indian NOS.
		LANLP18	Deliver basic treatment to livestock	
AGR/N4805	Veterinary First Aid	LANAnC32	Provide first aid to animals	
AGR/N4807	Assisting government agencies in animal disease control			Not mapped with UK NOS
AGR/N4808	Assisting in veterinary extension services	LANAgM14	Plan and deliver knowledge / technology transfer	
AGR/N4810	Development program implementation and marketing in livestock			Not mapped with UK NOS
AGR/N4813	Assisting in animal welfare, breed conservation and disaster management	LANAnC67	Plan and manage animal conservation	
AGR/N4821	Implementation of animal breeding services in small farm animals/	LANLP38	Deliver artificial insemination to livestock	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Section II: Compares the competencies in Indian NOS with those of UK NOS.

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified
Indian QP Code	AGR/Q4804	UK Qualification Code	Not specified
Indian NOS Code	Controlling and restraining of animals	UK NOS Code	Handle and restrain animals
Indian NOS	AGR/N4801	UK NOS	LANAnC15
Scope	Various aspects such as understanding of animal behaviour and responses, application of safety guidelines and use of tools and equipment.	Overview	<p>This standard covers the handling and restraint of animals.</p> <p>You will need to assess the risks involved in handling and restraining the animal, identify appropriate methods of restraint and use these methods effectively and safely. You will also need to monitor the animal's response to handling and restraint and take appropriate action if there is a negative reaction.</p> <p>You will need to be aware of your own limitations and ensure that you meet the legal responsibilities for duty of care under animal health and welfare legislation.</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<u>N4802</u> SB10. take up his own working and learning	P1 maintain your own professional conduct and work within the limits of your own authority, expertise, training, competence and experience	Maintaining own professional conduct and working within the limits of own authority not covered.	N4802 SB10 covers maintaining expertise, training, competence and experience.
<u>N4801</u> KA1. relevant organizational policy on health event reporting / record keeping. KA2. understanding of supervisory structure <u>N4802</u> KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc. KA2. impact / importance of preventive care program vis a vis organizational mandate. KA3. importance of data recording / monitoring vis a vis	P2 ensure that your work is carried out in accordance with workplace procedures	None	Covered in N4801 KA1, KA2; N4802 KA1-KA4; N4810 KA1; N4813 KA1; N4821 KA1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>evaluation of preventive care program.</p> <p>KA4. funding and cost implication / benefit of preventive intervention.</p> <p><u>N4810</u></p> <p>KA1. relevant organizational policy and program</p> <p><u>N4813</u></p> <p>KA1. relevant organizational guideline on reporting and partnerships</p> <p><u>N4821</u></p> <p>KA1. relevant organizational policy on breeding</p>			
<p><u>N4801</u></p> <p>SA3. read government / organizational guideline / manuals.</p> <p>SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets.</p> <p>SA5. read directives from government / organization /</p>	<p>P3 comply with relevant animal health and welfare and other animal-related legislation and codes of practice at all times</p>	<p>None</p>	<p>N4801 SA3-SA5; N4813 KB4; N4821 PC5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>supervising veterinarians.</p> <p><u>N4813</u> KB4. Rules and regulation related to animal welfare and wild life conservation</p> <p><u>N4821</u> PC5. Follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>			
<p><u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. Assess the risk of diseases which can be transmitted from animal to human KA1. relevant organizational policy on health event reporting / record keeping.</p>	<p>P4 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies</p>	<p>No mention of environmental</p>	<p>Health and safety covered in N4801 PC4, PC6, PC7, KA1</p>
<p><u>N4801</u> PC8. assess the risk of diseases which can be transmitted from</p>	<p>P5 maintain appropriate levels of hygiene and bio-</p>	<p>None</p>	<p>Covered in N4801 PC8; N4807 KB2; N4821 PC5, KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>animal to human <u>N4807</u> KB2. ways of disease transmission, concept of bio-security control in livestock markets / farms <u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>	<p>security</p>		
<p><u>N4801</u> PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. assess the risk of diseases which can be transmitted from animal to human</p>	<p>P6 use safe practices and appropriate personal protective equipment</p>	<p>None</p>	<p>Covered in N4801 PC6-PC8</p>
<p><u>N4801</u> PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and</p>	<p>P7 select a method of handling and restraint that is appropriate for the animal concerned and its requirements in</p>	<p>None</p>	<p>Covered in N4801 PC2, PC3, PC5, KB2- KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>safely</p> <p>PC3. achieve minimum stress and injury to the animal.</p> <p>PC5. to be able to follow the prescribed procedures related to each tools and equipment.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>	<p>order to minimise the risks to the animal, others and yourself</p>		
<p><u>N4801</u></p> <p>PC1. prepare and make the animal to cooperate during handling</p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely</p> <p>PC3. achieve minimum stress and injury to the animal.</p>	<p>P8 prepare the environment and equipment prior to handling the animal to ensure that the risks to the animal, others and yourself are minimised</p>	None	<p>Covered in N4801 PC1-PC5, KB3, KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>PC4. ensure zero accident</p> <p>PC5. to be able to follow the prescribed procedures related to each tools and equipment.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>			
		P9 ensure that authorisation has been obtained for the animal to be handled and restrained using the method selected	Not covered. Different context in India
<p><u>N4801</u></p> <p>PC1. prepare and make the animal to cooperate during handling. .</p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely</p>	P10 approach the animal in a manner that is likely to promote their co-operation and minimise distress	None	Covered in N4801 PC1-PC3

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
PC3. achieve minimum stress and injury to the animal.			
<p><u>N4801</u></p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely</p> <p>PC3. achieve minimum stress and injury to the animal.</p> <p>KB1. basics of animal behaviour, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>	<p>P11 handle and restrain the animal in a manner that promotes animal welfare, avoids behaviour giving rise to welfare concern and maintains health and safety</p>	None	Covered in N4801 PC2, PC3, KB1-KB4
<p><u>N4801</u></p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and</p>	<p>P12 monitor the animal's behaviour and adapt the handling and restraint in response to its</p>	Adapting handling and restraint methods not covered	N4801 PC2, PC3, KB1-KB4 covers monitoring behaviour

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>safely PC3. achieve minimum stress and injury to the animal. KB1. basics of animal behaviour, possible stimulus and negative responses. KB2. safety guidelines in animal handling. KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely. KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>	<p>reactions</p>		
<p><u>N4801</u> PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely PC3. achieve minimum stress and injury to the animal. KB1. basics of animal behaviour, possible stimulus and negative responses. KB2. safety</p>	<p>P13 ensure that the animal's health and welfare is maintained throughout</p>	<p>None</p>	<p>Covered in N4801 PC2, PC3, KB1-KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>			
<p><u>N4801</u></p> <p>PC3. achieve minimum stress and injury to the animal.</p> <p>KB1. basics of animal behaviour, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p>	<p>P14 recognise when behaviour may indicate that you should not continue with the activity</p>	<p>Recognising when not to continue with activity not covered</p>	<p>N4801 PC3, KB1, KB2 covers recognising behaviour</p>
<p><u>N4801</u></p> <p>KA1. relevant organizational policy on health event reporting / record keeping.</p> <p>KA2. understanding of supervisory structure</p> <p>SB6. identify problems immediately and take</p>	<p>P15 seek assistance if there is a risk to the animal, security or health and safety</p>	<p>Seeking assistance not specifically covered</p>	<p>N4801 KA1, KA2, SB6 covers working with others</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
up solutions quickly to resolve delays			
<u>N4801</u> KA1. relevant organizational policy on health event reporting / record keeping. SA1. prepare a brief case report. SA2. fill data sheet / health monitoring proforma.	P16 keep accurate and up-to-date records as required by relevant legislation and the organisation	None	Covered in N4801 KA1, SA1, SA2
Knowledge & Understanding- Indian NOS	Knowledge & Understanding- UK NOS	Gaps in Indian QP	Remarks
<u>N4802</u> SB10. take up his own working and learning	K1 your professional responsibilities and the limits of your authority, expertise, training, competence and experience	Professional responsibilities and limits of own authority not covered.	N4802 SB10 covers maintaining expertise, training, competence and experience.
<u>N4801</u> KA1. relevant organizational policy on health event reporting / record keeping. KA2. understanding of supervisory structure <u>N4802</u> KA1. relevant government / organizational	K2 the importance of completing the activity in accordance with instructions and workplace procedures	None	Covered in N4801 KA1, KA2; N4802 KA1-KA4; N4810 KA1; N4813 KA1; N4821 KA1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>guideline pertaining to preventive care procedure, use of products and reporting structure etc.</p> <p>KA2. impact / importance of preventive care program vis a vis organizational mandate.</p> <p>KA3. importance of data recording / monitoring vis a vis evaluation of preventive care program.</p> <p>KA4. funding and cost implication / benefit of preventive intervention.</p> <p><u>N4810</u></p> <p>KA1. relevant organizational policy and program</p> <p><u>N4813</u></p> <p>KA1. relevant organizational guideline on reporting and partnerships</p> <p><u>N4821</u></p> <p>KA1. relevant organizational policy on breeding</p>			

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4801</u> SA3. read government / organizational guideline / manuals. SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets. SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4813</u> KB4. rules and regulations related to animal welfare and wild life conservation</p> <p><u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>	<p>K3 your responsibilities under relevant animal health and welfare, and other animal-related legislation and codes of practice</p>		<p>Covered in N4801 SA3-SA5; N4813 KB4, N4821 PC5</p>
<p><u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various</p>	<p>K4 your responsibilities under relevant environmental and health and safety legislation, codes of practice and company</p>	<p>Environmental not covered</p>	<p>Health and safety covered in N4801 PC4, PC6-PC8, KA1</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
personal protective materials / equipment PC8. assess the risk of diseases which can be transmitted for animal to human KA1. relevant organizational policy on health event reporting / record keeping.	policies		
<u>N4801</u> PC7. use various personal protective materials / equipment	K5 the importance and correct use of personal protective equipment	None	Covered in N4801 PC7
<u>N4801</u> PC8. assess the risk of diseases which can be transmitted from animal to human <u>N4807</u> KB2. ways of disease transmission, concept of bio-security control in livestock markets / farms <u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare KB4. protocols related to farm bio-security, hygiene,	K6 the importance of maintaining appropriate levels of hygiene and bio-security and how these can be achieved	None	Covered in N4801 PC8; N4807 KB2; N4821 PC5, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
safety and animal welfare.			
		K7 why animals may require handling and restraint and how this may affect the method selected	
<u>N4801</u> KB1. basics of animal behaviour, possible stimulus and negative responses. KB2. safety guidelines in animal handling. KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely. SB7. investigate and analyse stimuli and animal behaviour.	K8 the types of physical and behavioural conditions that may affect the approach, handling and restraint of animals	None	Covered in N4801 KB1-KB3, SB7
		K9 how and where to obtain information about the physical condition, temperament and the usual behaviour patterns of an animal	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4801</u> PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely PC5. to be able to follow the prescribed procedures related to each tools and equipment. KB2. safety guidelines in animal handling. KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely. KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>	<p>K10 safe and effective methods of handling and restraining different animals and the equipment used</p>	None	Covered in N4801 PC2, PC5, KB2-KB4
<p><u>N4801</u> PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely PC3. achieve minimum stress and injury to the animal.</p>	<p>K11 how to select the appropriate method of handling and restraint for an animal</p>	None	Covered in N4801 PC2-PC4, KB1-KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>PC4. ensure zero accident. equipment. KB1. basics of animal behaviour, possible stimulus and negative responses. KB2. safety guidelines in animal handling. KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely. KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>			
<p><u>N4801</u> PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely PC3. achieve minimum stress and injury to the animal. PC4. ensure zero accident. PC5. to be able to follow the prescribed procedures related to each tools and</p>	<p>K12 how to identify the possible risks and hazards involved with the handling and restraint of animals and how to minimise and respond to them</p>	<p>None</p>	<p>Covered in N4801 PC2-PC7, KB1-KB4, SB2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>equipment.</p> <p>PC6. protect oneself from any physical injury arising out of animal handling</p> <p>PC7. use various personal protective materials / equipment</p> <p>KB1. basics of animal behaviour, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p> <p>SB2. how to plan various procedures.</p>			
<p><u>N4801</u></p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely</p> <p>PC3. achieve</p>	<p>K13 how animals should be approached, handled and restrained in order to avoid behaviour giving rise to welfare concern, promote animal</p>	None	Covered in N4801 PC2-PC7, KB1-KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>minimum stress and injury to the animal. PC4. ensure zero accident. PC5. to be able to follow the prescribed procedures related to each tools and equipment. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment KB1. basics of animal behaviour, possible stimulus and negative responses. KB2. safety guidelines in animal handling. KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely. KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>	<p>welfare and maintain health and safety</p>		
<u>N4801</u>	K14 the different	None	Covered in N4801

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
KB1. basics of animal behaviour, possible stimulus and negative responses. KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely. SB7. investigate and analyse stimuli and animal behaviour.	factors that can affect an animal's behaviour and what to do if these are observed		KB1-KB3, SB7
<u>N4801</u> PC3. achieve minimum stress and injury to the animal. KB1. basics of animal behaviour, possible stimulus and negative responses.	K15 how to recognise and assess the signs of stress and alarm in the animals being handled and restrained	None	Covered in N4801 PC3, KB1
		K16 how to identify situations where it is not suitable or appropriate for a person to approach, handle or restrain an animal without assistance and the consequences of doing so	
<u>N4801</u> KA1. Relevant organizational policy on health event	K17 the importance of maintaining complete and accurate records as	None	Covered in N4801 KA1, SA1, SA2

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
reporting / record keeping SA1. prepare a brief case report. SA2. fill data sheet / health monitoring proforma.	required by relevant legislation and the organisation		

***General Note:** Core skills (indicated as SA) and professional skills (indicated as SB) as mentioned in Indian NOS are intrinsic to UK NOS

Section II continued: Compares the competencies in Indian NOS with those of UK NOS.

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified
Indian QP Code	AGR/Q4804	UK Qualification Code	Not specified
Indian NOS Code	Implementing regular preventive animal health care program	UK NOS Code	Ensure the health and wellbeing of livestock
Indian NOS	AGR/N4802	UK NOS	LANLP17
Scope	This unit/task covers: Various aspects of common preventive care starting from data gathering and risk management to actual care.	Overview	This standard covers the maintenance of the health and well-being of livestock. The term well-being is used to cover the broader welfare of the livestock such as minimising stress and the potential for injury.

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

			<p>You must monitor and check the condition of the livestock in accordance with production requirements. Specific measures may be required to maintain the health and well-being of the livestock such as making adjustments to environmental conditions or changing feed and water provision. You must be able to recognise signs of poor health in the livestock and take the appropriate action.</p>
--	--	--	---

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4802</u> PC1. Use point of care / field data collection tools (including electronic / mobile based data collection) as per given specifications. PC3. regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria.</p>	<p>P1 monitor the physical condition, behaviour and general well-being of the livestock at suitable intervals and take appropriate action</p>	None	Covered in N4802 PC1-PC4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
PC4. undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned.			
<u>N4801</u> PC1. prepare and make the animal to cooperate during handling PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely. PC3. achieve minimum stress and injury to the animal. PC4. ensure zero accident. PC6. Protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment. KB1. basics of animal behavior, possible stimulus and negative	P2 handle livestock in a manner which complies with relevant legislation, minimises any likelihood of stress and injury, and maintains their health and well-being	None	Covered in N4801 PC1-PC4, PC6, PC7, KB1-KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>			
		P3 provide livestock with sufficient and effective opportunities to move, and maintain physical functioning	
<p><u>N4802</u></p> <p>PC6. Create future demand for preventative services by appropriately communicating the risk.</p> <p>PC7. Ensure high rate of voluntary compliance of bio-security norms.</p> <p>PC8. Schedule vaccination programme at appropriate time ensuring technical</p>	P4 promote and maintain the appropriate health and welfare standards for different livestock species according to codes of practice where required	None	Covered in N4802 PC6-PC8, KA1, SA3

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>requirement related to environment and convenience of farmer / client</p> <p>KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc.</p> <p>SA3. read government / organizational guideline.</p>			
		<p>P5 seek advice from the appropriate person where you are unsure about the behaviour/condition of the livestock and the action to be taken</p>	
<p><u>N4802</u></p> <p>PC7. Ensure high rate of voluntary compliance of bio-security norms</p> <p><u>N4801</u></p> <p>PC8. assess the risk of diseases which can be transmitted from animal to human</p> <p><u>N4807</u></p> <p>KB2. ways of disease</p>	<p>P6 maintain suitable levels of hygiene and bio-security</p>	<p>None</p>	<p>Covered in N4802 PC7; N4801 PC8; N4807 KB2; N4821 PC5, KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>transmission, concept of bio-security control in livestock markets / farms</p> <p><u>N4821</u></p> <p>PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p> <p>KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>			
<p><u>N4801</u></p> <p>PC4. ensure zero accident.</p> <p>PC6. protect oneself from any physical injury arising out of animal handling</p> <p>PC7. use various personal protective materials / equipment</p> <p>PC8. Assess the risk of diseases which can be transmitted from animal to human</p> <p>KA1. relevant organizational policy on health event reporting / record keeping.</p> <p>SA3. read government / organizational</p>	<p>P7 carry out all work in accordance with relevant environmental, health and safety legislation and animal health and welfare legislation, risk assessment requirements, codes of practice and company policies</p>	<p>Environmental not covered</p>	<p>Health and safety and animal health and welfare covered in N4801 PC4, PC6-PC8, KA1, SA3-SA5; N4813 KB4; N4831 PC5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>guideline / manuals. SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets. SA5. read directives from government / organization / supervising veterinarians. <u>N4813</u> KB4. rules and regulation related to animal welfare and wild life conservation <u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>			
<p><u>N4807</u> PC15. ensure scientific disposal of culled carcasses as per guideline. KB5. culling, disposal and disinfection methods.</p>	<p>P8 deal with waste safely and correctly in accordance with legislation</p>	<p>Disposal of other types of waste not covered</p>	<p>Disposal of carcasses covered in N4807 PC15, KB5</p>
<p><u>N4802</u> PC3. regularly collect and submit health, production and</p>	<p>P9 keep accurate and up-to-date records as required by relevant</p>	<p>None</p>	<p>Covered in N4802 PC3, PC21, KA3, KB1, SA1, SA2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria.</p> <p>PC21. Ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.</p> <p>KA3. Importance of data recording / monitoring vis a vis evaluation of preventative care program.</p> <p>KB1. Use of data collection tool (including electronic).</p> <p>SA1. prepare a brief report / write email at least in local language</p> <p>SA2. fill data sheet</p>	<p>legislation and the organisation</p>		
Knowledge & Understanding-Indian NOS	Knowledge & Understanding-UK NOS	Gaps in Indian QP	Remarks
<p><u>N4802</u></p> <p>PC4. undertake appropriate action which is just for a farmer / client as far as preventing</p>	<p>K1 how to maintain the health and well-being of livestock and minimise their stress and injury</p>	<p>None</p>	<p>Covered in N4802 PC4, PC8, PC24; N4801 PC3</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>occurrence of preventable known disease(s) in his / her animal / farm is /are concerned.</p> <p>PC8. Schedule vaccination programme at appropriate time ensuring technical requirement related to environment and convenience of farmer / client.</p> <p>PC24. Ensure herd coverage and continuity of program.</p> <p><u>N4801</u></p> <p>PC3. Achieve minimum stress and injury to the animal</p>			
		K2 what to check for when monitoring livestock and how to assess their welfare	
		K3 the five basic welfare freedoms: (freedom from fear and distress, freedom from pain, injury and disease, freedom from hunger and thirst, freedom from discomfort, freedom to exhibit normal	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		behaviour	
		K4 why livestock need feed and water and how the type and amount varies at different times in the production process	
<u>N4805</u> KB5. ways to differentiate a diseased animal from a healthy animal. KB6. major symptoms of common scheduled diseases.	K5 the appearance, posture and movement, behaviour and bodily functioning of healthy livestock	Covers how to recognise diseased livestock rather than healthy livestock	Covered in N4805 KB5, KB6
<u>N4802</u> PC4. undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned. <u>N4805</u> KB5. ways to differentiate a diseased animal from a healthy animal. KB6. major symptoms of common scheduled diseases. SB1. make decisions	K6 signs which indicate potential problems with livestock health and well-being and the appropriate actions to take	None	Covered in N4802 PC4; N4805 KB5, KB6, SB1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
related to use of medication out of permitted assortments			
<u>N4802</u> KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc. SA3. read government / organizational guideline. SA5. Read government / organizational communications SB3. follow given procedures.	K7 organisational policy in relation to the treatment of livestock and your responsibility under welfare legislation	None	Covered in N4802 KA1, SA3, SA5, SB3
		K8 why livestock need movement and how the type and amount of this varies at different times in the production process	
<u>N4807</u> PC14. ensure humane culling methods. KB5. culling, disposal and disinfection methods	K9 criteria for and importance of culling selected stock and knowledge of different methods of	Criteria for and importance of culling not covered	Methods of culling covered in N4807 PC14, KB5

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
	euthanasia/culling		
		K10 how the environment may be adjusted to maintain the health and well-being of the livestock	
<p><u>N4802</u> KB3. Prevalent diseases vis a vis affected species within the service area which can be prevented. KB4. Symptoms, period of prevalence, pre-disposing factors. KB5. Impact of such disease(s) and its geographical spread. KB6. Pre- and post-vaccination care including handling of possible emergencies. <u>N4807</u> PC12. follow directive and guideline</p>	K11 how to recognise a health emergency in livestock and the correct actions to take	None	Covered in N4802 KB3, KB4-KB6; N4807 PC12
<p><u>N4802</u> PC7. Ensure high rate of voluntary compliance of bio-security norms. <u>N4801</u> PC8. assess the risk of diseases which can be transmitted from</p>	K12 the importance of maintaining hygiene and bio-security and the methods for achieving this	None	Covered in N4802 PC7; N4801 PC8; N4807 KB2; N4821 PC5, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>animal to human <u>N4807</u> KB2. ways of disease transmission, concept of bio-security control in livestock markets / farms <u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>			
<p><u>N4802</u> PC3. regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria. PC21. Ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.</p>	<p>K13 appropriate records to be kept and their significance</p>	<p>None</p>	<p>Covered in N4802 PC3, PC21, KA3, KB1, SA1, SA2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>KA3. Importance of data recording / monitoring vis a vis evaluation of preventative care program.</p> <p>KB1. Use of data collection tool (including electronic).</p> <p>SA1. prepare a brief report / write email at least in local language</p> <p>SA2. fill data sheet</p>			
<p><u>N4801</u></p> <p>PC4. ensure zero accident.</p> <p>PC6. protect oneself from any physical injury arising out of animal handling</p> <p>PC7. use various personal protective materials / equipment</p> <p>PC8. Assess the risk of diseases which can be transmitted from animal to human</p> <p>KA1. relevant organizational policy on health event reporting / record keeping.</p> <p>SA3. read government / organizational guideline / manuals.</p> <p>SA4. keep abreast</p>	<p>K14 your responsibilities under current environmental and health and safety legislation, animal health and welfare legislation, codes of practice and company policies</p>	<p>Environmental not covered</p>	<p>Health and safety and animal health and welfare covered in N4801 PC4, PC6-PC8, KA1, SA3-SA5; N4813 KB4; N4821 PC5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets.</p> <p>SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4813</u></p> <p>KB4. rules and regulation related to animal welfare and wild life conservation</p> <p><u>N4821</u></p> <p>PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>			
<p><u>N4807</u></p> <p>PC15. ensure scientific disposal of culled carcasses as per guideline.</p> <p>KB5. culling, disposal and disinfection methods</p>	<p>K15 how to handle, transport, store and dispose of waste in accordance with legal and organisational requirements</p>	<p>Disposal of other types of waste not covered.</p> <p>Transport and storage of waste not covered.</p>	<p>Disposal of carcasses covered in N4807 PC15, KB5</p>

***General Note:** Core skills (indicated as SA) and professional skills (indicated as SB) as mentioned in Indian NOS are intrinsic to UK NOS

Section II continued: Compares the competencies in Indian NOS with those of UK NOS

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified
Indian QP Code	AGR/Q4802	UK Qualification Code	Not specified
Indian NOS Code	Implementing regular preventive animal health care program	UK NOS Code	Deliver basic treatment to livestock
Indian NOS	AGR/N4802	UK NOS	LANLP18
Scope	<p>This unit/task covers:</p> <p>Various aspects of common preventive care starting from data gathering and risk management to actual care</p>	Overview	<p>This standard covers delivering basic treatments to livestock. The word treatment is used in its broadest possible sense to include hygienic procedures and basic health care treatments which fit to an individual or livestock enterprise health plan.</p> <p>You will deliver basic treatments to livestock, consistent with the legal requirements, such health care treatments should only be carried out on own livestock or the livestock of your employer.</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4802</u></p> <p>PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s).</p> <p>PC13. ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use.</p> <p>PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date.</p> <p>PC15. Follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.</p> <p>PC17. use only permissible products, following appropriate dose</p>	<p>P1 use and store drugs, medications and equipment in accordance with veterinary instructions and organisational policy</p>	<p>None</p>	<p>Covered in N4802 PC5, PC13-PC15, PC17, PC18; N4805 PC1, PC2, KB3</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>and procedure of administration (As per directive of supervising veterinarian)</p> <p>PC18. use only permissible products, following appropriate dose and procedure of use / application.</p> <p><u>N4805</u></p> <p>PC1. prepare aseptic solution</p> <p>PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual</p> <p>KB3. uses and doses of common medications in emergency situations.</p>			
<p><u>N4802</u></p> <p>PC15. follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.</p> <p><u>N4801</u></p>	<p>P2 prepare, use and maintain equipment in a safe clean and effective condition</p>	<p>None</p>	<p>Covered in N4802 PC15; ; N4801 PC5; N4805 PC1, SB7, KB2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>PC5. to be able to follow the prescribe procedures related to each tools and equipment</p> <p><u>N4805</u></p> <p>PC1. prepare aseptic solution</p> <p>KB2. nature of wounds vis a vis procedure of cleaning and protection</p> <p>SB7. monitor and maintain the material and equipment required for various farm operations</p>			
<p><u>N4802</u></p> <p>PC7. Ensure high rate of voluntary compliance of bio-security norms.</p> <p><u>N4807</u></p> <p>PC16. ensure use of appropriate disinfectant and adoption to prescribed procedure of application.</p> <p>PC17. ensure coverage of areas / farms as per suggestion of government</p>	<p>P3 ensure the work area is prepared in accordance with organisational and legislative requirements</p>	<p>None</p>	<p>Covered in N4802 PC7; N4807 PC16, PC17</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
authority.			
<p><u>N4802</u></p> <p>PC12. conduct self-evaluation of procedure of procurement / infrastructure for storage etc. and use of vaccines from appropriate source only.</p> <p>PC13. ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use.</p> <p>PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date.</p> <p>PC17. use only permissible products, following appropriate dose and procedure of administration (As per directive of supervising veterinarian)</p>	<p>P4 use only current and uncontaminated prescribed medication for the intended animal and do not pass on for the care of other livestock</p>	None	<p>Covered in N4802; PC12-PC14, PC17, PC18, PC21; N4805 PC1, PC2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>PC18. use only permissible products, following appropriate dose and procedure of use / application.</p> <p>PC21. ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.</p> <p><u>N4805</u></p> <p>PC1. Prepare aseptic solution</p> <p>PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual.</p>			
<p><u>N4802</u></p> <p>PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s).</p> <p>PC8. schedule vaccination program at appropriate time ensuring technical requirement related</p>	<p>P5 use the correct techniques to deliver specified basic treatment at the correct time</p>	<p>None</p>	<p>Covered in N4802 PC5, PC8, PC15- PC19, KA1, KB6, KB9; N4805 PC2, PC7-PC9</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>to environment and convenience of farmer / client.</p> <p>PC15. follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.</p> <p>PC16. follow local area guideline regarding species, age and season of de-worming.</p> <p>PC17. use only permissible products, following appropriate dose and procedure of administration (As per directive of supervising veterinarian)</p> <p>PC18. use only permissible products, following appropriate dose and procedure of use / application.</p> <p>PC19. ensure scale of operation by involving maximum number of farmers in a given area.</p>			

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc.</p> <p>KB6. pre-and post-vaccination care including handling of possible emergencies.</p> <p>KB9. scientific procedure of vaccine administration.</p> <p><u>N4805</u></p> <p>PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual</p> <p>PC7. provide basic / immediate care as specified for each type of accidents.</p> <p>PC8. to be able to stop bleeding, clean and protect the wound.</p> <p>PC9. to be able to ensure aseptic handling and protection of the</p>			

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
prolapsed organ(s) before the arrival of veterinarian			
<p><u>N4802</u> PC12. conduct self-evaluation of procedure of procurement / infrastructure for storage etc. and use of vaccines from appropriate source only. PC20. take precaution for minimum effect on animal / immediate environment. KB6. pre-and post-vaccination care including handling of possible emergencies. KB7. type of vaccine and ways, importance of maintaining cool chain. KB8. availability of vaccines within given geographical area, storage and use (e.g. reconstitution etc.)</p> <p><u>N4805</u> PC2. diagnose emergency situation</p>	<p>P6 use treatment material safely and correctly as instructed</p>	<p>None</p>	<p>Covered in N4802 PC12, PC20, KB6-KB8; N4805 PC2, PC6, KB7</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
and use common suggested medications / follow precautions as per manual PC6. assess the severity of the accident and suggest for consultation with veterinarian KB7. use of ethno-veterinary practices			
<u>N4801</u> PC1. prepare and make the animal to cooperate during handling PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely. PC3. achieve minimum stress and injury to the animal. PC4. ensure zero accident. PC6. Protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment.	P7 restrain the animal securely and safely in a manner that meets your duty of care requirements under animal welfare legislation	None	Covered in N4801 PC1-PC4, PC6, PC7, KB1-KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>KB1. basics of animal behavior, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals.</p>			
<p><u>N4802</u> PC22. timely report vaccine failure to appropriate authority as per format.</p> <p><u>N4805</u> PC6 assess the severity of the accident and suggest for consultation with veterinarian</p>	<p>P8 immediately seek assistance when it is not possible to deliver the basic treatment to livestock</p>	None	Covered in N6802 PC22; N4805 PC6
<p><u>N4802</u> PC11. report side-effect (if any) PC22. timely report vaccine failure to appropriate authority as per</p>	<p>P9 observe livestock after the basic treatments and immediately report unusual signs</p>	None	Cove red in N4802 PC11, PC22, KB6

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
format. KB6. pre-and post-vaccination care including handling of possible emergencies.			
<p><u>N4802</u> PC7. Ensure high rate of voluntary compliance of bio-security norms.</p> <p><u>N4801</u> PC8. assess the risk of diseases which can be transmitted from animal to human</p> <p><u>N4807</u> KB2. ways of disease transmission, concept of bio-security control in livestock markets / farms</p> <p><u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>	P10 maintain suitable levels of hygiene and bio-security	None	Covered in N4802 PC7; N4801 PC8; N4807 KB2; N4821 PC5, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4802</u> PC3. regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria. PC21. Ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format. KA3. Importance of data recording / monitoring vis a vis evaluation of preventative care program. KB1. Use of data collection tool (including electronic). SA1. prepare a brief report / write email at least in local language SA2. fill data sheet</p>	<p>P11 keep accurate and up-to-date records as required by legislation and the organisation</p>	<p>None</p>	<p>Covered in N4802 PC3, PC21, KA3, KB1, SA1, SA2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4807</u> PC15. ensure scientific disposal of culled carcasses as per guideline. KB5. culling, disposal and disinfection methods.</p>	<p>P12 deal with waste safely and correctly in accordance with legislation</p>	<p>Disposal of other types of waste not covered</p>	<p>Disposal of carcasses covered in N4807 PC15, KB5</p>
<p><u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. Assess the risk of diseases which can be transmitted from animal to human KA1. relevant organizational policy on health event reporting / record keeping. SA3. read government / organizational guideline / manuals. SA4. keep abreast with the latest knowledge by</p>	<p>P13 carry out all work in accordance with relevant environmental, health and safety legislation and animal health and welfare legislation, risk assessment requirements, codes of practice and company policies</p>	<p>Environmental not covered</p>	<p>Health and safety and animal health and welfare covered in N4801 PC4, PC6-PC8, KA1, SA3-SA5; N4813 KB4; N4821 PC5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>reading brochures, pamphlets, and other animal behaviour and handling related information sheets.</p> <p>SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4813</u></p> <p>KB4. rules and regulation related to animal welfare and wild life conservation</p> <p><u>N4821</u></p> <p>PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>			
Knowledge & Understanding- Indian NOS	Knowledge & Understanding-UK NOS	Gaps in Indian QP	Remarks
<p><u>N4802</u></p> <p>PC15. follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.</p> <p><u>N4805</u></p>	<p>K1 types of tools and equipment required and how to maintain and use these safely and effectively</p>	None	Covered in N4802 PC15; N4805 PC1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
PC1. prepare aseptic solution			
<u>N4802</u> PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date.	K2 the significance of expiry dates on drugs and medications/vaccinations	None	Covered in N4802 PC14
<u>N4802</u> PC12. conduct self-evaluation of procedure of procurement / infrastructure for storage etc. and use of vaccines from appropriate source only. PC13. ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use. PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration	K3 possible sources of contamination to medication/vaccination and type of damage	None	Covered in N4802 PC12-PC14

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
date.			
		K4 reasons and legislative requirements for withdrawal periods for livestock previously receiving drugs	
<p><u>N4802</u> PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s). PC8. schedule vaccination program at appropriate time ensuring technical requirement related to environment and convenience of farmer / client. PC15. follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc. PC16. follow local</p>	K5 different types of health care treatments available and how they are administered	None	Covered in N4802 PC5, PC8, PC15-PC19, KA1, KB6, KB9; N4805 PC2, PC7-PC9

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>area guideline regarding species, age and season of de-worming.</p> <p>PC17. use only permissible products, following appropriate dose and procedure of administration (As per directive of supervising veterinarian)</p> <p>PC18. use only permissible products, following appropriate dose and procedure of use / application.</p> <p>PC19. ensure scale of operation by involving maximum number of farmers in a given area.</p> <p>KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc.</p> <p>KB6. pre-and post-vaccination care including handling of possible</p>			

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>emergencies.</p> <p>KB9. scientific procedure of vaccine administration.</p> <p><u>N4805</u></p> <p>PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual.</p> <p>PC7. provide basic / immediate care as specified for each type of accidents</p> <p>PC8. to be able to stop bleeding, clean and protect the wound</p> <p>PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian.</p>			
<p><u>N4802</u></p> <p>PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s).</p> <p>PC15. follow all scientific guideline</p>	<p>K6 the importance of adhering to instructions for delivering basic health care treatments and the potential consequences of not adhering to instructions and</p>	<p>Consequences of not adhering to instructions not specifically covered.</p>	<p>Covered in N4802 PC5, PC15-PC18, KA1</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.</p> <p>PC16. follow local area guideline regarding species, age and season of de-worming.</p> <p>PC17. use only permissible products, following appropriate dose and procedure of administration (As per directive of supervising veterinarian)</p> <p>PC18. use only permissible products, following appropriate dose and procedure of use / application.</p> <p>KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc.</p>	<p>procedures for carrying out treatments</p>		

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4801</u></p> <p>PC1. prepare and make the animal to cooperate during handling</p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely.</p> <p>PC3. achieve minimum stress and injury to the animal.</p> <p>PC4. ensure zero accident.</p> <p>PC7. use various personal protective materials / equipment.</p> <p>KB1. basics of animal behavior, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of</p>	<p>K7 importance of using the correct restraint technique minimising stress levels, safety of the handler and the animal</p>	<p>None</p>	<p>Covered in N4801 PC1-PC7, KB1-KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
tools and equipment to restrain animals.			
<p><u>N4802</u> PC13. ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use. PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date. KB11. basic concept of herd immunity and measurement of same.</p>	<p>K8 the consequences of the reduced effectiveness of drugs or medication e.g. drug resistance, drug immunity</p>	None	Covered in N4802 PC13, PC14, KB11
<p><u>N4802</u> PC11. report side-effect (if any) PC22. timely report vaccine failure to appropriate authority as per format. KB6. pre-and post-vaccination care including handling of possible emergencies.</p>	<p>K9 why it is necessary to monitor the behaviour of livestock after basic treatment and report unusual signs</p>	Knowledge does not cover why it is important to monitor behaviour	Covered in N4802 PC11, PC22, KB6

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4802</u> PC11. report side-effect (if any) PC22. timely report vaccine failure to appropriate authority as per format. KB6. pre-and post-vaccination care including handling of possible emergencies.</p>	<p>K10 changes in the condition of the animal which may occur after the basic treatment</p>	<p>Knowledge does not cover understanding what sort of changes these may be</p>	<p>Covered in N4802 PC11, PC22, KB6</p>
		<p>K11 different methods of marking livestock which have been treated</p>	
		<p>K12 when basic treatments are not suitable and the actions to take</p>	
<p><u>N4802</u> PC7. Ensure high rate of voluntary compliance of bio-security norms. <u>N4801</u> PC8. assess the risk of diseases which can be transmitted from animal to human <u>N4807</u> KB2. ways of disease transmission, concept of bio-</p>	<p>K13 the importance of maintaining hygiene and bio-security and the methods for achieving this</p>	<p>None</p>	<p>Covered in N4802 PC7; N4801 PC8; N4807 KB2; N4821 PC5, KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>security control in livestock markets / farms</p> <p><u>N4821</u></p> <p>PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p> <p>KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>			
<p><u>N4802</u></p> <p>PC3. regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria.</p> <p>PC21. Ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.</p> <p>KA3. Importance of data recording /</p>	<p>K14 appropriate records to be kept and their significance</p>	<p>None</p>	<p>Covered in N4802 PC3, PC21, KA3, KB1, SA1, SA2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>monitoring vis a vis evaluation of preventative care program.</p> <p>KB1. Use of data collection tool (including electronic).</p> <p>SA1. prepare a brief report / write email at least in local language</p> <p>SA2. fill data sheet</p>			
<p><u>N4807</u></p> <p>PC15. ensure scientific disposal of culled carcasses as per guideline.</p> <p>KB5. culling, disposal and disinfection methods.</p>	<p>K15 how to handle, transport, store and dispose of waste in accordance with legal and organisational requirements</p>	<p>Disposal of other types of waste not covered.</p>	<p>Disposal of carcasses covered in N4807 PC15, KB5</p>
<p><u>N4802</u></p> <p>PC4. undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned.</p> <p>PC7. Ensure high rate of voluntary compliance of bio-</p>	<p>K16 how the treatment fits with overall livestock health plan</p>	<p>None</p>	<p>Covered in N4802 PC4, PC7, PC16-PC18, KA1, KB2, KB10, SA4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>security norms.</p> <p>PC16. follow local area guideline regarding species, age and season of de-worming.</p> <p>PC17. use only permissible products, following appropriate dose and procedure of administration (As per directive of supervising veterinarian)</p> <p>PC18. use only permissible products, following appropriate dose and procedure of use / application.</p> <p>KA1. relevant government / organizational guideline pertaining to preventive care procedure, use of products and reporting structure etc.</p> <p>KB2. the prevalent farming system, social, geographical / environmental condition of the service area.</p> <p>KB10. environmental</p>			

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>effect of chemicals used for control of ecto-parasite control.</p> <p>SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and product information sheets.</p>			
<p><u>N4802</u></p> <p>PC4. undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned.</p> <p>PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s).</p> <p>PC7. Ensure high rate of voluntary compliance of bio-security norms.</p> <p>KA1. relevant government / organizational guideline pertaining to preventive care</p>	<p>K17 the limits of your responsibilities in delivering basic treatments</p>	<p>None</p>	<p>Covered in N4802 PC4, PC5, PC7, KA1, KA2, SA3; N4807 PC2, SA3; N4808 KA1, SA3-SA5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>procedure, use of products and reporting structure etc.</p> <p>KA2. impact / importance of preventive care program vis a vis organizational mandate.</p> <p>SA3. read government / organizational guideline.</p> <p><u>N4807</u></p> <p>PC2. appreciate the 'one health approach' in controlling diseases and cooperate with partnering agencies(s)</p> <p>SA3. read government / organizational guideline / manuals</p> <p><u>N4808</u></p> <p>KA1. relevant organizational policy, products and services</p> <p>SA3. read government / organizational guideline / manuals</p> <p>SA4. keep abreast with the latest knowledge / technologies by</p>			

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
reading brochures, pamphlets, and other related information sheets. SA5. read directives from government / organization / supervising veterinarians			
<u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. Assess the risk of diseases which can be transmitted from animal to human KA1. relevant organizational policy on health event reporting / record keeping. SA3. read government / organizational guideline / manuals. SA4. keep abreast with the latest knowledge by	K18 your responsibilities under current environmental and health and safety legislation, animal health and welfare legislation, codes of practice and company policies	Environmental not covered	Health and safety and animal health and welfare covered in N4801 PC4, PC6-PC8 KA1, SA3-SA5; N4813 KB4; N4821 PC5

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>reading brochures, pamphlets, and other animal behaviour and handling related information sheets.</p> <p>SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4813</u></p> <p>KB4. rules and regulation related to animal welfare and wild life conservation</p> <p><u>N4821</u></p> <p>PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>			

Section II continued: Compares the competencies in Indian NOS with those of UK NOS.

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified
Indian QP Code	AGR/Q4804	UK Qualification Code	Not specified

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Indian NOS Code	Veterinary First Aid	UK NOS Code	Provide First Aid to animals
Indian NOS	AGR/N4805	UK NOS	LANAnC32
Scope	This unit/task covers: Various aspects of first aid including immediate relief and treatment of non-infectious emergency conditions and accidents.	Overview	This standrd covers the provision of first aid to animals requiring assistance. It includes the health and safety of yourself and others, assessment of animals, safe handling, treatment and transportation of the animal where required. First aid is the immediate assistance given at the time of injury or illness to prevent deterioration of the condition, suffering and pain until veterinary assistance can be sought.

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		P1 maintain the contents of a first aid kit appropriate for the animals you are working with, including personal protective equipment	
<u>N4805</u> PC6. assess the severity of the accident and suggest for consultation with	P2 assess your own limitations to provide first aid to an animal	None	Covered in N4805 PC6

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
veterinarian.			
<p><u>N4805</u> PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual. PC7. provide basic / immediate care as specified for each type of accidents. PC8. to be able to stop bleeding, clean and protect the wound. PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian. KB2. nature of wounds vis a vis procedure of cleaning and protection KB4. common approaches in handling poisoning and natural calamities.</p>	<p>P3 apply the aims and principles of first aid to the situation and animal you are faced with</p>	None	<p>Covered in N4805 PC2, PC7-PC9, KB2, KB4</p>
<p><u>N4805</u> PC6. assess the severity of the</p>	<p>P4 recognise a potential emergency situation and what to</p>	None	<p>Covered in N4805 PC6, PC7; N4802 PC9,</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>accident and suggest for consultation with veterinarian.</p> <p>PC7. provide basic / immediate care as specified for each type of accidents.</p> <p><u>N4802</u></p> <p>PC9. identify sick animals or animals not fit for vaccination</p> <p>PC10. Be prepared to face any emergency situation following vaccination</p> <p>KB6. Pre- and post-vaccination care including handling of possible emergencies</p>	do initially		PC10, KB6
<p><u>N4805</u></p> <p>PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual.</p> <p>PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same.</p> <p>PC5. identify from symptoms the cause of the accident.</p> <p>PC6. assess the severity of the</p>	P5 assess the type of emergency situation identifying if it is potentially life threatening, requires prompt attention or is minor	None	Covered in N4905 PC2, PC4-PC8, KB1, KB2

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>accident and suggest for consultation with veterinarian.</p> <p>PC7. provide basic / immediate care as specified for each type of accidents.</p> <p>PC8. to be able to stop bleeding, clean and protect the wound.</p> <p>KB1. basics of emergency conditions in animal along with pre-disposing factors.</p> <p>KB2. nature of wounds vis a vis procedure of cleaning and protection</p>			
<p><u>N4801</u></p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely.</p> <p>PC6. protect oneself from any physical injury arising out of animal handling</p> <p>PC7. use various personal protective materials / equipment</p> <p>PC8. assess the risk of diseases which can be transmitted from animal to human</p>	<p>P6 assess the potential risks before approaching the animal</p>	<p>None</p>	<p>Covered in N4801 PC2, PC6-PC8</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p><u>N4801</u></p> <p>PC1. prepare and make the animal to cooperate during handling.</p> <p>PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely.</p> <p>PC3. achieve minimum stress and injury to the animal.</p> <p>PC4. ensure zero accident.</p> <p>PC6. protect oneself from any physical injury arising out of animal handling</p> <p>PC7. use various personal protective materials / equipment</p> <p>KB1. basics of animal behavior, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate</p>	<p>P7 approach, handle and restrain the animal in an appropriate manner</p>		<p>Covered in N4801 PC1-PC4, PC6, PC7, KB1-KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
use of tools and equipment to restrain animals			
<u>N4805</u> PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual. PC6. assess the severity of the accident and suggest for consultation with veterinarian.	P8 undertake an initial primary assessment of the animal	None	Covered in N4805 PC2, PC6
<u>N4805</u> PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual. PC3. describe common symptoms of diseases in animals and report accordingly. PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same. PC5. identify from symptoms the cause of the accident.	P9 recognise the visual signs of common conditions and situations and provide the appropriate first aid for the animal	None	Covered in N4805 PC2-PC5, KB4-KB6; N4802 PC9, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>KB4. common approaches in handling poisoning and natural calamities.</p> <p>KB5. ways to differentiate a diseased animal from a healthy animal.</p> <p>KB6. major symptoms of common scheduled diseases.</p> <p><u>N4802</u></p> <p>PC9. Identify sick animals or animals not fit for vaccination</p> <p>KB4. Symptoms, period of prevalence, pre-disposing factors</p>			
		P10 monitor animals following the provision of first aid as appropriate for the animal	
		P11 transport the animal safely and securely to the veterinary practice if required	
<p><u>N4805</u></p> <p>PC2. diagnose emergency situation and use common suggested medications / follow precautions as per</p>	P12 recognise the signs of stress, fear, aggression and pain in animals	Stress, fear, aggression, pain not covered specifically	Covered in N4805 PC2, PC5, KB5; N4802 PC9, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>manual.</p> <p>PC5. identify from symptoms the cause of the accident.</p> <p>KB5. ways to differentiate a diseased animal from a healthy animal.</p> <p><u>N4802</u></p> <p>PC9. Identify sick animals or animals not fit for vaccination</p> <p>KB4. Symptoms, period of prevalence, pre-disposing factors</p>			
<p><u>N4805</u></p> <p>PC6. assess the severity of the accident and suggest for consultation with veterinarian.</p> <p>PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian.</p> <p><u>N4802</u></p> <p>PC10. be prepared to face any emergency situation following vaccination</p>	<p>P13 ensure continuity of care of the animal is maintained by handing over to an appropriate person and giving details of the first aid assistance provided and the response of the animal</p>	<p>Details of handing over to the veterinarian not included</p>	<p>Covered in N4805 PC6, PC9; N4802 PC10</p>
<p><u>N4805</u></p> <p>PC3. describe common symptoms of diseases in animals</p>	<p>P14 complete records where required</p>	<p>None</p>	<p>Covered in N4805 PC3, PC4, KA1, SA1</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>and report accordingly. PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same. KA1. relevant organizational policy on health event reporting / record keeping. SA1. fill data sheet / health monitoring proforma.</p>			
<p><u>N4801</u> SA3. Read government / organizational guideline / manuals SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets. SA5. read directives from government / organization / supervising veterinarians. <u>N4813</u> KB4. rules and regulation related to animal welfare and</p>	<p>P15 comply with relevant animal health and welfare legislation, veterinary and medicines legislation and codes of practice</p>	<p>None</p>	<p>Covered in N4801 SA3-SA5; N4813 KB4; N4821 PC5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
wild life conservation. <u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare			
<u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. assess the risk of diseases which can be transmitted from animal to human KA1. relevant organizational policy on health event reporting / record keeping.	P16 ensure working methods promote health and safety and are consistent with relevant legislation and codes of practice	No specific mention of legislation and codes of practice	Covered in N4801 PC4, PC6-PC8, KA1
<u>N4805</u> PC6. assess the severity of the accident and suggest for consultation with veterinarian. SA2. Read government / organizational guideline / manuals. SA3. read directives	P17 work in accordance with the Veterinary Surgeons Act (1966) and the limits of your own authority, expertise, training, competence and experience	This legislation is specific to UK. India has Indian Veterinary Council Act (No52 of 1984).	Working to own limits covered in N4805 PC6, SA2, SA3, SB8 QP introduction states that AHW works under supervision of registered veterinarian

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
from government / organization / supervising veterinarians. SB8. Take up own working and learning			
Knowledge & Understanding- Indian NOS	Knowledge & Understanding- UK NOS	Gaps in Indian QP	Remarks
		K1 how to set up, use and maintain a first aid kit suitable for the animals you are working with	
<u>N4805</u> PC6. assess the severity of the accident and suggest for consultation with veterinarian.	K2 how to assess your own abilities and limitations to provide first aid to animals	None	Covered in N4805 PC6
	K3 what is meant by the term first aid and the limitations of administering it	None	N4805 Definition of first aid in the Scope. Elements list the types of situations when it would be administered.
<u>N4805</u> PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual. PC7. provide basic /	K4 the main aims and objectives of first aid	None	Covered in N4805 Scope, PC2, PC7-PC9, KB2, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>immediate care as specified for each type of accidents. PC8. to be able to stop bleeding, clean and protect the wound. PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian. KB2. nature of wounds vis a vis procedure of cleaning and protection KB4. common approaches in handling poisoning and natural calamities.</p>			
		K5 the classifications of the three main types of emergency, life-threatening, prompt attention required, or minor	
<p><u>N4805</u> PC2. diagnose emergency situation and use common suggested medications / follow precautions as per</p>	K6 how to recognise an emergency situation	None	Covered in N4805 PC2, PC4-PC6, KB1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>manual.</p> <p>PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same.</p> <p>PC5. identify from symptoms the cause of the accident.</p> <p>PC6. assess the severity of the accident and suggest for consultation with veterinarian.</p> <p>KB1. basics of emergency conditions in animal along with pre-disposing factors.</p>			
<p><u>N4805</u></p> <p>PC6. assess the severity of the accident and suggest for consultation with veterinarian.</p>	<p>K7 the importance of seeking veterinary attention and of knowing where to find the location and contact details of veterinary practices</p>	<p>Knowing how to contact local veterinarian not covered</p>	<p>Seeking veterinary attention covered in N4805 PC6</p>
		<p>K8 how to assess the dangers of providing first aid to an animal</p>	
<p><u>N4801</u></p> <p>PC1. prepare and make the animal to cooperate during handling</p> <p>PC2. determine flight zone and point of</p>	<p>K9 how to approach, handle and restrain an injured animal appropriately and safely</p>	<p>None</p>	<p>Covered in N4801 PC1-PC4, PC6, PC7, KB1-KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>balance of the animal and approach, hold animal securely and safely.</p> <p>PC3. achieve minimum stress and injury to the animal.</p> <p>PC4. ensure zero accident.</p> <p>PC6. protect oneself from any physical injury arising out of animal handling</p> <p>PC7. use various personal protective materials / equipment</p> <p>KB1. basics of animal behavior, possible stimulus and negative responses.</p> <p>KB2. safety guidelines in animal handling.</p> <p>KB3. knowledge of flight zone, point of balance and procedure of holding animal securely and safely.</p> <p>KB4. knowledge related to appropriate use of tools and equipment to restrain animals</p>			
<p><u>N4805</u></p> <p>PC2. diagnose emergency situation and use common</p>	<p>K10 how to undertake a primary initial assessment</p>	<p>How to assess not covered in detail</p>	<p>Covered in N4805 PC2, PC6</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>suggested medications / follow precautions as per manual. PC6. assess the severity of the accident and suggest for consultation with veterinarian.</p>			
<p><u>N4805</u> PC1. Prepare aseptic solution. PC2. Diagnose emergency situation and use common suggested medications / follow precautions as per manual. PC7. Provide basic / immediate care as specified for each type of accidents PC8. To be able to stop bleeding, clean and protect the wound PC9. To be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian</p>	<p>K11 the signs and appropriate first aid treatment for a range of common situations or conditions in the species you are working with</p>	<p>None</p>	<p>Element titles in N4805 list the types of situations when first aid would be required. Appropriate treatment covered in PC1, PC2, PC7-PC9</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		K12 how to monitor the animal following administration of first aid as appropriate for the animal	
		K13 how to ensure that the animal's welfare is maintained throughout and that your actions do not cause adverse reactions	
		K14 how to move and transport animals safely and securely	
		K15 how to recognise behavioural and emotional states of animals including stress, fear, aggression, pain, appeasement, anxiety conflict and avoidance	
<u>N4805</u> KB5. ways to differentiate a diseased animal from a healthy animal. <u>N4802</u> KB4. symptoms, period of prevalence, pre-disposing factors	K16 the early signs of a change in behaviour associated with ill health, and indicators of injury or pain, discomfort, disease or distress	None	Covered in N4805 KB5; N4802 KB4
<u>N4801</u> PC8. assess the risk of diseases which can be	K17 methods of maintaining hygiene and bio-security and	None	Covered in N4801 PC8; N4802 PC7; N4807 KB2; N4821

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>transmitted from animal to human <u>N4802</u> PC7. Ensure high rate of voluntary compliance of bio-security norms. <u>N4807</u> KB2. ways of disease transmission, concept of bio-security control in livestock markets / farms <u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>	<p>the reasons why it is important</p>		<p>PC5, KB4</p>
<p><u>N4805</u> PC6. assess the severity of the accident and suggest for consultation with veterinarian. PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of</p>	<p>K18 how to ensure continuity of care for the animal through the handing over of care to an appropriate person and the information that they should be given</p>	<p>Details of handing over to the veterinarian not included</p>	<p>Covered in N4805 PC6, PC9</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
veterinarian.			
<p><u>N4805</u> PC3. describe common symptoms of diseases in animals and report accordingly. PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same. KA1. relevant organizational policy on health event reporting / record keeping. SA1. fill data sheet / health monitoring proforma.</p>	K19 records which should be completed and the information that should be recorded	None	Covered in N4805 PC3, PC4, KA1, SA1
<p><u>N4801</u> PC8. assess the risk of diseases which can be transmitted from animal to human</p>	K20 zoonotic risk when working with animals	None	Covered in N4801 PC8
<p><u>N4805</u> SA2. read government / organizational guideline / manuals SA3. read directives from government / organization / supervising veterinarians. <u>N4801</u></p>	K21 your responsibilities under relevant animal health and welfare and other animal-related legislation and codes of practice	None	Covered in N4805 SA2, SA3; N4801 SA4; N4813 KB4; N4821 PC5

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets.</p> <p><u>N4813</u></p> <p>KB4. rules and regulation related to animal welfare and wild life conservation</p> <p><u>N4821</u></p> <p>PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p>			
		K22 your legal and professional liability when providing first aid to animals	
		K23 the requirements of the Veterinary Surgeons Act (1966) in relation to the provision of first aid	This legislation is specific to UK. India has Indian Veterinary Council Act (No52 of 1984).

***General Note:** Core skills (indicated as SA) and professional skills (indicated as SB) as mentioned in Indian NOS are intrinsic to UK NOS

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Section II continued: Compares the competencies in Indian NOS with those of UK NOS.

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified
Indian QP Code	AGR/Q4804	UK Qualification Code	Not specified
Indian NOS Code	Assisting in veterinary extension services	UK NOS Code	Plan and deliver knowledge / technology transfer
Indian NOS	AGR/N4808	UK NOS	LANAgM14
Scope	This unit/task covers: Planned promotion of approved technologies and practices for productivity enhancement and profitability of farming operation.	Overview	This standard covers the planning and delivery of knowledge/technology transfer. Knowledge/technology transfer is about the transfer of good ideas to enable innovation, new products and services and technologies to be developed. The act of transfer could include mentoring, training, access to documentation and other collaboration within or between organisations and involve groups and individuals.

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		P1 identify key sources of relevant new or existing knowledge/technology	
		P2 identify and access networks, communities and other sources of knowledge/technology	
		P3 engage appropriate people in developing ways of making the knowledge/technology available for others to share	
		P4 implement agreed systems, tools and processes that support knowledge/technology creation, development, capture and sharing	
		P5 plan and implement methods of transfer relevant to the target population that will achieve desired outcomes such as uptakes,	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		timescales and cost effectiveness	
<p>N4808 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. PC3. Organize extension events based on farmer convenience and seasonal suitability. PC7. Use modern communication devices, audio-visual aids to explain farmers / clients</p>	<p>P6 deliver knowledge/technology transfer in an appropriate manner, suitable for the target audience</p>	None	Covered in N4808 PC1, PC3, PC7
<p>N4808 PC1. understand and explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations,</p>	<p>P7 promote the benefits of knowledge/technology across the target population</p>	None	Covered in N4808 PC1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
opportunities and constraints.			
<p><u>N4808</u> PC3. Organize extension events based on farmer convenience and seasonal suitability. PC7. Use modern communication devices, audio-visual aids to explain farmers / clients SA7. Explain farmers / clients on use of various technologies. SB4. Attend and make use of exposure visit SB6. Manage relationships with laborers and other co-farmers</p>	<p>P8 provide the training, support and guidance required to allow people to effectively access knowledge/technology</p>	None	Covered in N4808 PC3, PC7, SA7, SB4, SB6
<p><u>N4808</u> 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. PC3. Organize extension events</p>	<p>P9 encourage people to make use of systems, tools and processes which enable them to share knowledge/technology</p>	None	Covered in N4808 PC1, PC3, PC7, SA7

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
based on farmer convenience and seasonal suitability. PC7. Use modern communication devices, audio-visual aids to explain farmers / clients SA7. Explain farmers / clients on use of various technologies.			
		P10 evaluate the risks involved in sharing knowledge/technology and take any necessary steps to protect intellectual property from unauthorised use	
<u>N4808</u> PC2. Give feedback on technology application in field and need for improvement (if any). SB1. Make decisions related to suitability of any technology based on local situations. SB8. Investigate and analyse adopted technologies and provide feedback to supervising veterinarian / scientist	P11 monitor the effectiveness of the methods used for knowledge/technology transfer	None	Covered in N4808 PC2, SB1, SB8

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<u>N4808</u> SB1. Make decisions related to suitability of any technology based on local situations.	P12 modify methodology if necessary to achieve desired outcomes	None	Covered in N4808 SB1
		P13 modify systems, tools and processes if necessary to achieved desired outcomes	
Knowledge & Understanding-Indian NOS	Knowledge & Understanding-UK NOS	Gaps in Indian QP	Remarks
<u>N4808</u> SA3. Read government / organizational guideline / manuals. SA4. keep abreast with the latest knowledge / technologies by reading brochures, pamphlets, and other related information sheets. SA5. Read directives from government /organization / supervising veterinarians. SB5. Work with organic farming experts SB9. Take up his own	K1 how to identify sources of relevant current and developing knowledge/technology	None	Covered in N4808 SA3-SA5, SB5, SB9

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
working and learning			
		K2 networks, communities and other sources of knowledge/technology	
		K3 how to identify requirements for knowledge/technology transfer	
		K4 knowledge/technology transfer principles, techniques and good practice	
		K5 ways in which knowledge/technology can be created, developed, captured and shared	
		K6 factors influencing uptake of knowledge/technology including identification of early adopters and laggards	
<u>N4808</u> PC1. understand and explain the applicability and benefit associated with common approved technology(s) / best	K7 methods of delivering knowledge/technology	None	Covered in N4808 PC1, PC3, PC7

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>practice(s) in the context of local situations, opportunities and constraints.</p> <p>PC3. Organize extension events based on farmer convenience and seasonal suitability.</p> <p>PC7. Use modern communication devices, audio-visual aids to explain farmers / clients.</p>			
		K8 the strengths and weaknesses of various methods of transfer methodology	
		K9 how to encourage people to share knowledge and use knowledge/ technology transfer systems, tools and processes	
		K10 how to ensure that knowledge gained is effectively captured and made available to those who may benefit from it	
		K11 how to evaluate the	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		effectiveness of the methods used for knowledge/technology transfer	
		K12 how to modify the method of knowledge/technology transfer based on the location and target audience	
		K13 the implications of intellectual property rights and copyright legislation to sharing knowledge/technology	
<u>N4808</u> PC6. Keep record that can help make farmer meeting and farm school activities 'targeted' and 'needs based'	K14 the need to maintain a recording system and monitor outcomes	None	Covered in N4808 PC6

***General Note:** Core skills (indicated as SA) and professional skills (indicated as SB) as mentioned in Indian NOS are intrinsic to UK NOS

Section II continued: Compares the competencies in Indian NOS with those of UK NOS.

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Indian QP Code	AGR/Q4804	UK Qualification Code	Not specified
Indian NOS Code	Assisting in animal welfare, breed conservation and disaster management.	UK NOS Code	Plan and manage animal conservation
Indian NOS	AGR/N4813	UK NOS	LANAnC67
Scope	This unit/task covers: Animal welfare and conservation of animal resources besides preparedness for disasters.	Overview	This standard is about being able to plan programmes for conservation of animals in your care. This may be to protect native species or to conserve endangered animal species and may include restocking, relocation or a reintroduction programme.

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		P1 develop an animal conservation plan with clearly defined targets that meet identified needs	
<u>N4813</u> PC3. Scout and engage with interested breeding farms / goshala's (Protective shelters for cows in India) for conservation of purebred animals	P2 obtain and interpret relevant information associated with conservation of animals from the appropriate sources	Only cattle covered	Conservation of cattle covered in N4813 PC3

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<u>N4813</u> KB4. rules and regulation related to animal welfare and wild life conservation.	P3 identify the relevant legal, ethical and welfare requirements and any requirements specific to the country	Ethical requirements not covered	Rules and regulations covered in N4813 KB4
		P4 communicate the plan to those who will be involved in its implementation	
		P5 ensure that everyone involved in the implementation of the plan has the skills and knowledge required to carry out the activities	
		P6 ensure facilities, supplies, equipment and any other resources required, including staffing, are available for the successful implementation of the plan	
		P7 manage, monitor and evaluate the implementation of the plan, taking appropriate action and making changes to the plan where	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		required	
		P8 ensure that risks to the health and safety of yourself, others and animals are identified and minimised	
Knowledge & Understanding- Indian NOS	Knowledge & Understanding- UK NOS	Gaps in Indian QP	Remarks
		K1 how to develop a conservation plan based on the objectives and available resources	
<u>N4813</u> KB1. importance of conservation and essential role of wildlife in ecosystem functioning.	K2 the relationship between animal welfare and conservation	None	Covered in N4813 KB1
		K3 how to weigh up the costs and benefits of the plan in terms of animal welfare and conservation	
		K4 the differences in terms of techniques and success of translocation, reintroduction, restocking and	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		rehabilitation	
<u>N4801</u> KB1. basics of animal behaviour, possible stimulus and negative responses	K5 the behaviour of animals and species requirements including natural history and husbandry	History and husbandry not covered	Animal behaviour covered in N4801 KB1
		K6 international legislation and practice with regard to species conservation and welfare	
<u>N4813</u> KB1. importance of conservation and essential role of wildlife in ecosystem functioning.	K7 the basic reasons for conservation i.e. ecological balance, human/animal responsibility, historical concept	Human/animal responsibility, historical concept not covered	Ecological importance covered in N4813 KB1
		K8 consequences of failure in terms of animal welfare, conservation programmes and conservation status of the species concerned	
<u>N4813</u> KB1. importance of conservation and essential role of wildlife in ecosystem functioning.	K9 the scientific and environmental aims of conservation	None	Covered in N4813 KB1

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		K10 how conservation projects may be constructed, put in place and maintained	
		K11 where and when to obtain professional advice and guidance	
		K12 the importance of briefing and maintaining communications with those involved in the implementation of the plan	
		K13 the types of problems that may arise and their consideration in the plan	
		K14 the importance of reviewing and revising the conservation plan to ensure it continues to meet objectives	
		K15 the meaning of ethical conservation	
		K16 the purpose of regional and institutional collection and planning within	

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		animal conservation	
		K17 the involvement of animal collections in the global co-ordination of conservation	
<p><u>N4813</u> KB4. rules and regulation related to animal welfare and wild life conservation.</p> <p><u>N4801</u> SA3. Read government / organizational guideline / manuals SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets. SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4821</u> PC5. follow protocols pertaining to farm bio-security,</p>	<p>K18 your responsibilities under relevant animal health and welfare and other animal-related legislation and codes of practice</p>	None	Covered in N4813 KB4; N4801 SA3-SA5; N4821 PC5

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
safety, hygiene and animal welfare			

***General Note:** Core skills (indicated as SA) and professional skills (indicated as SB) as mentioned in Indian NOS are intrinsic to UK NOS

Section II continued: Compares the competencies in Indian NOS with those of UK NOS.

NOS Mapping Descriptions			
Indian QP Title	Animal Health Worker	UK Qualification	Not specified
Indian QP Code	AGR/Q4804	UK Qualification Code	Not specified
Indian NOS Code	Implementation of animal breeding services in small farm animals	UK NOS Code	Deliver artificial insemination to livestock.
Indian NOS	AGR/N4821	UK NOS	LANLP38
Scope	This unit/task covers: Various aspects of small farm animal breeding, starting from pre-breeding related activities such as breeder database maintenance, quality animal selection to actual breeding and performance monitoring.	Overview	This standard covers delivering the insemination process and covers management of the procedure from oestrus detection and timing of service through to records. You are required to have some experience of handling adult stock, and will carry out these activities and in accordance with organisational instructions.

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Competency Mapping

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare.	P1 ensure the work area is clear and ready for use	None	Covered in N4821 PC5
<u>N4821</u> PC6. follow the prescribed procedures in handling semen straw and in conducting insemination.	P2 collect and prepare all equipment in a safe and sterile manner	None	Covered in N4821 PC6
		P3 correctly identify livestock to be inseminated	
		P4 move livestock to an appropriate area to be inseminated	
<u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare. PC6. follow the prescribed procedures in handling semen straw and in conducting insemination. PC7. Conduct artificial insemination in time	P5 carry out artificial insemination ensuring minimal discomfort to livestock and promoting animal welfare	None	Covered in N4821 PC5-PC7

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		P6 return livestock to pen and observe for any unusual signs	
<p><u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p> <p><u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. Assess the risk of diseases which can be transmitted from animal to human KA1. relevant organizational policy on health event reporting / record keeping. SA3. read government / organizational guideline / manuals. SA4. keep abreast with the latest knowledge by reading brochures,</p>	<p>P7 carry out all work in accordance with relevant environmental, health and safety legislation and animal health and welfare legislation, risk assessment requirements, codes of practice and company policies</p>	<p>Environmental not covered</p>	<p>Covered in N4821 PC5 N4801 PC4, PC6-PC8, KA1, SA3-SA5; N4813 KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>pamphlets, and other animal behaviour and handling related information sheets.</p> <p>SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4813</u></p> <p>KB4. rules and regulation related to animal welfare and wild life conservation</p>			
<p><u>N4807</u></p> <p>PC15. ensure scientific disposal of culled carcasses as per guideline</p> <p>KB5. Culling, disposal and disinfection methods</p>	<p>P8 deal with waste safely and correctly in accordance with legislation</p>	<p>Disposal of other types of waste not covered</p>	<p>Disposal of carcasses covered in N4807 PC15, KB5</p>
<p><u>N4821</u></p> <p>PC12. Use field data collection tools (including electronic reader / mobile based data collection) as per given specifications</p> <p>PC13. Provide organization with standard required information such as semen used; time of heat, time of insemination, kid / piglet born etc.</p>	<p>P9 keep accurate and up-to-date records as required by relevant legislation and the organisation</p>	<p>None</p>	<p>Covered in N4821 PC12, PC13, SA1, SA2</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
needed to monitor breeding services SA1. prepare a brief case report. SA2. fill monitoring related forms etc			
<u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare. KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.	P10 maintain suitable levels of hygiene and bio-security	None	Covered in N4821 PC5, KB4
Knowledge & Understanding-Indian NOS	Knowledge & Understanding-Indian NOS	Gaps in Indian QP	Remarks
<u>N4821</u> KB3. semen straw handling procedure and safety requirement in handling of liquid nitrogen. SA5. Read manufacturer guideline of various common equipment uses in breeding services <u>N4801</u> PC7. Use various personal protective materials / equipment	K1 types of tools, equipment and materials required and how to maintain and use these safely	None	Covered in N4821 KB3, SA5; N4801 PC7, KB4

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
KB4. Knowledge related to appropriate use of tools and equipment to restrain animals			
<u>N4821</u> PC3. detect heat in animals such as goat and pigs KB1. basic of reproductive physiology e.g. oestrous cycle, signs etc. and anatomy of reproductive organs in goat, pigs etc.	K2 signs of oestrus in livestock and devices that can be used to aid detection	Use of devices not covered	Signs covered in N4821 PC3, KB1
<u>N4821</u> PC7. Conduct artificial insemination in time. KB1. basic of reproductive physiology e.g. oestrous cycle, signs etc. and anatomy of reproductive organs in goat, pigs etc.	K3 length of oestrus and timing of artificial insemination to achieve conception	None	Covered in N4821 PC7, KB1
<u>N4821</u> PC6. follow the prescribed procedures in handling semen straw and in conducting insemination. PC7. Conduct artificial insemination in time	K4 correct method of artificial insemination	None	Covered in N4821 PC6, PC7

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
		K5 typical conditions in which livestock should be restrained for artificial insemination to promote welfare	
		K6 methods of moving livestock for insemination whose behaviour may be altered by the presence of oestrus	
		K7 problems that might occur after artificial insemination has taken place and how to deal with them	
<p><u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare</p> <p><u>N4801</u> PC4. ensure zero accident. PC6. protect oneself from any physical injury arising out of animal handling PC7. use various personal protective materials / equipment PC8. Assess the risk of</p>	<p>K8 your responsibilities under current environmental, animal welfare and health and safety legislation and codes of practice</p>	<p>Environmental not covered</p>	<p>Covered in N4821 PC5 N4801 PC4, PC6-PC8, KA1, SA3-SA5; N4813 KB4</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
<p>diseases which can be transmitted from animal to human</p> <p>KA1. relevant organizational policy on health event reporting / record keeping.</p> <p>SA3. read government / organizational guideline / manuals.</p> <p>SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and other animal behaviour and handling related information sheets.</p> <p>SA5. read directives from government / organization / supervising veterinarians.</p> <p><u>N4813</u></p> <p>KB4. rules and regulation related to animal welfare and wild life conservation</p>			
<p><u>N4807</u></p> <p>PC15. ensure scientific disposal of culled carcasses as per guideline</p> <p>KB5. Culling, disposal and disinfection</p>	<p>K9 correct methods of disposing of waste and excess material</p>	<p>Disposal of other types of waste and excess material not covered</p>	<p>Disposal of carcasses covered in N4807 PC15, KB5</p>

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY

Performance Criteria - Indian NOS	Performance Criteria - UK NOS	Gaps in Indian QP	Remarks
methods			
<p><u>N4821</u> PC12. Use field data collection tools (including electronic reader / mobile based data collection) as per given specifications PC13. Provide organization with standard required information such as semen used; time of heat, time of insemination, kid / piglet born etc. needed to monitor breeding services SA1. prepare a brief case report. SA2. fill monitoring related forms etc</p>	<p>K10 appropriate records to be kept and their significance</p>	None	Covered in N4821 PC12, PC13, SA1, SA2
<p><u>N4821</u> PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare. KB4. protocols related to farm bio-security, hygiene, safety and animal welfare.</p>	<p>K11 the importance of maintaining hygiene and bio-security and the methods for achieving this</p>	None	Covered in N4821 PC5, KB4

***General Note:** Core skills (indicated as SA) and professional skills (indicated as SB) as mentioned in Indian NOS are intrinsic to UK NOS

TRANSNATIONAL SKILL STANDARDS FOR AGRICULTURE INDUSTRY



The Agriculture Skill Council of India (ASCI) aims to work towards building capacity in the Agriculture Industry and bridge the gap between laboratories and farms. ASCI envisions to touch/ upgrade skills of Cultivators, Agricultural Labours and Direct and Indirect labour engaged in organized and unorganized Agriculture and Allied Industry.

For more information visit: <http://asci-india.com/>



Lantra Awards supports both individuals and companies to achieve personal and business growth. A nationally recognized Awarding Organization has over 40 years' experience of developing quality training and qualifications. Their products are designed to specifically meet the business and individual needs of those primarily working within the land-based and environmental sector. They are recognised by the regulatory bodies Ofqual, SQA and qualification Wales to award qualifications.

For more information visit: <http://www.lantra.co.uk/>