

NATIONAL OCCUPATIONAL STANDARD/NATIONAL SKILLS QUALIFICATIONS

(NOS/NSQ)

POULTRY PEN HOUSE INSTALLATION AND MAINTENANCE

LEVEL 4

SEPTEMBER, 2025

NATIONAL SKILLS QUALIFICATION

NSQ LEVEL 4 – POULTRY PEN HOUSE INSTALLATION AND MAINTENANCE GENERAL INFORMATION

OVERVIEW

This qualification is designed to equip learners with knowledge and skills required to communicating effectively, working in team, complying with health and safety requirements, to supervise installation and maintenance of poultry pen house systems.

This qualification is subject to review as at when the need arises.

OUALIFICATION PURPOSE

This qualification is designed to equip learner with knowledge and skills in installation and maintenance of poultry pen house systems.

QUALIFICATION REQUIREMENTS

All Candidates must:

- a. Be medically fit
- b. Be physically fit
- c. Be mentally fit (Mental alertness)
- d. Have achieved all the Safety and Health mandatory units in the qualification
- e. Be a Nigerian citizen
- f. Other nationals (International passport, residence permit)
- g. Be vetted

QUALIFICATION OBJECTIVES

At the end of the qualification, the learner should be able to:

- 1. Communicate effectively in workplace
- 2. Work in a team
- 3. Comply with health and safety requirement
- 4. Supervise installation of cage, feeding and drinker system in the poultry house

- 5. Supervise installation of ventilation, storage and distribution system in the poultry house
- 6. Supervise installation of thermo-regulation, manure removal and egg collection system in the poultry house
- 7. Maintain cage, feeding and drinker system in the poultry house
- 8. Maintain ventilation, storage and distribution system in the poultry house
- 9. Maintain thermo-regulation, manure removal and egg collection system in the poultry house

UNIT ASSESSMENT/EVIDENCE REQUIREMENTS:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment Methods to be Used Include:

- 1. Direct Observation (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Work Product (WP)
- 6. Assignment (ASS)

NATIONAL SKILLS QUALIFICATION ANIMAL HUSBANDRY

LEVEL 4: POULTRY PEN HOUSE INSTALLATION AND MAINTENANCE

Mandatory Units

Unit	Unit Reference Number	Unit Title	Credit Value	Guided Learning Hours
1	ANP/PIM/001/L4	Health and Safety in work environment	6	60
2	ANP/PIM/002/L4	Communication in the work environment	6	60
3	ANP/PIM/003/L4	Team work	6	60
4	ANP/PIM/004/L4	Water supply system to the poultry house	8	80
5	ANP/PIM/005/L4	System Installation in the poultry house	10	100
6	ANP/PIM/006/L4	Systems maintenance in a poultry house	10	100
	TOTAL		46	460

NOTE: This is a 46-credit qualification. To achieve this qualification; Learners are required to achieve all 46 Credit from the mandatory units. Each Credit is equivalent to approximately 10 Guided Learning Hours (GLH).

GENERAL GUIDE

Unit reference The unique number assigned to the unit The unique reference number given to each unit at qualification approval by NBTE Unit level Denotes the level of the unit within the National Skills Qualification framework NSQF. Unit credit value The value that has been given to the unit based on the expected learning time for an average learner. 1 credit = 10 learning hours Unit purpose Provides a brief outline of the unit content. A statement of what a learner will know, understand or be able to do, as a result of a process of learning. Assessment criteria A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Unit title	Provides a clear explanation of the content of the unit.
each unit at qualification approval by NBTE Unit level Denotes the level of the unit within the National Skills Qualification framework NSQF. Unit credit value The value that has been given to the unit based on the expected learning time for an average learner. 1 credit = 10 learning hours Unit purpose Provides a brief outline of the unit content. Learning outcome A statement of what a learner will know, understand or be able to do, as a result of a process of learning. Assessment criteria A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Unit number	The unique number assigned to the unit
National Skills Qualification framework NSQF. Unit credit value The value that has been given to the unit based on the expected learning time for an average learner. 1 credit = 10 learning hours Unit purpose Provides a brief outline of the unit content. Learning outcome A statement of what a learner will know, understand or be able to do, as a result of a process of learning. Assessment criteria A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Unit reference	each unit at qualification approval by
based on the expected learning time for an average learner. 1 credit = 10 learning hours Provides a brief outline of the unit content. Learning outcome A statement of what a learner will know, understand or be able to do, as a result of a process of learning. Assessment criteria A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Unit level	National Skills Qualification framework
Learning outcome A statement of what a learner will know, understand or be able to do, as a result of a process of learning. Assessment criteria A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Unit credit value	based on the expected learning time for an average learner.
understand or be able to do, as a result of a process of learning. Assessment criteria A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Unit purpose	
must achieve to demonstrate that a learning outcome has been met. Unit assessment guidance Any additional guidance provided to support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Learning outcome	understand or be able to do, as a result of
Support the assessment of the unit. Unit guided learning hours The average number of hours of supervised or directed study Time or assessment required to achieve a	Assessment criteria	must achieve to demonstrate that a
or directed study Time or assessment required to achieve a	Unit assessment guidance	
qualification or unit of a qualification.	Unit guided learning hours	or directed study

UNIT 001: HEALTH, SAFETY AND ENVIRONMENT

Unit Reference Number: ANP/PIM/001/L4

NSQ Level: 4 Credit Value: 6

Guided Learning Hour: 60 hours

Unit Purpose: This unit is designed to provide the learner with the knowledge and skills required for health and safety in the poultry farm environment.

Unit Assessment Requirements/ Evidence Requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment methods to be used include:

- 1. Direct Observation (DO)
- 2. Personal Statement/Learning Journal (PS/LJ)
- 3. Questions and Answers (QA)
- 4. Witness Testimony (WT)
- 5. Assignment (ASS)

Unit 001: Health, Safety and Environment

Learning Objective		Performance Criteria: -		vide	nce	•	Evi	idence	
(LO)		(PC)	Ту	pe			Ref		
The learner will:		The learner can:					Pag	ge mber	
LO 1:	1.1	Describe the poultry farm environment		l			Nu	mber	
Know poultry farm	1.1	Describe poultry farm layout:							
environment	1.2					<u> </u>			
		 Gangway 		,					
		Work Area				ソ			
		• Store							
		Changing room							
		Entrance and Exit points							
		Muster Point							
		 Emergency Exit 							
	1.3	Interpret safety signs and symbols in a poultry farm							
	1.4	Identify the positions of the following							
		in the poultry farm:							
		• First aid box							
		• Fire extinguisher							
		Sand bucket							
	8	 Mains switches 							
LO 2:	2.1	Explain the importance of working							
Know safety rules and		safely							<u> </u>
regulations in a poultry farm.	2.2	List Personal Protective Equipment (PPE)							
	2.3	Identify Personal Protective					+		+-
	2.3	Equipment (PPE)							
					I			1	

Learning Objective (LO)		Performance Criteria: -		vide vpe	nce	2	Ev Re	idence f	!
The learner will:		(PC) The learner can:		•			Pa		
	2.4	Explain causes of accident in the poultry farm: • Horseplay • Spills • Poor housekeeping • Loose electrical fittings • Inappropriate use of tools and equipment		The state of the state of</th <th></th> <th>5</th> <th></th> <th></th> <th></th>		5			
	2.5	Describe how to prevent hazards in poultry farm environment	,						
	2.6	Demonstrate how to prevent hazards mentioned in 2.5 above							
LO 3:	3.1	Define first aid							
Know first aid	3.2	Describe the items in the first aid box							
procedure		Implement administration of simple first aid.							
		Investigate accidents and near misses							
	3.5	Report accident or near miss to appropriate authority							

Learner's Signature:	Date:
Assessor's Signature:	Date:
IQA Signature (if sampled):	Date:
EQA Signature (if sampled):	Date:

UNIT 002: COMMUNICATION SYSTEMS IN WORK ENVIRONMENT

Unit Reference Number: ANP/PIM/002/L4

NSQ Level: 4

Credit Value: 6

Guided Learning Hour: 60 hours

Unit Purpose: This unit is designed to provide the poultry supervisor with the knowledge and skills required for effective communication in the poultry farm environment.

Unit Assessment Requirements/ Evidence Requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment methods to be used include:

- 1. Direct Observation (DO)
- 2. Personal statement/Learning Journal (PS/LJ)
- 3. Questions and Answers (QA)
- 4. Witness Testimony (WT)
- 5. Assignment (ASS)

Unit 002: Communication System in Work Environment

Learning Objective		Performances Criteria: -	Evidence		ce		Ev	ide	nce		
(LO) The learner will:		(PC) The learner can:	T	ypε	2			er			
LO 1: Know how to communicate	1.1	Define communication in the poultry farm environment. Describe methods of communication						. 1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
effectively in the poultry farm environment		Explain verbal communication) '		
LO 2: Know the sources of	2.1	Explain the sources of information in the poultry farm environment.									
information in the poultry farm	2.2	Explain the different information flow systems.									
environment	2.3	Report findings correctly as expected.									
LO 3: Know the various communication means in the poultry farm	3.1	Describe communication equipment. Effectively use the various communication equipment in the poultry farm environment.									
environment	3.3	Apply appropriate workplace terminologies									
	3.4	Pass information correctly									

Learner's Signature:	Date:
Assessor's Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:

UNIT 003: TEAMWORK

Unit Reference Number: ANP/PIM/003/L4

NSQ Level: 4

Credit Value: 6

Guided Learning Hour: 60 hours

Unit Purpose: This unit is designed to provide the poultry supervisor with the knowledge and skills required to develop team spirit and positive working relationship with co-workers.

Unit Assessment Requirements/ Evidence Requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment methods to be used include:

- 1. Direct Observation (DO)
- 2. Personal statement/Learning Journal (PS/LJ)
- 3. Questions and Answers (QA)
- 4. Witness Testimony (WT)
- 5. Assignment (ASS)

Unit 003: Teamwork

Learning Objective (LO) The learner will:		Performance Criteria: - (PC) The latest angle of the performance Criteria: - Evidence Type					Evi Ref Pag	ge .		
		The learner can:		1	ı		Nui	IIDE	r	
LO 1:	1.1	Define teamwork						X	7	
Know good working	1.2	List the importance of teamwork) (
relationships with co- workers	1.3	Describe the qualities of a team player			_<)			
LO 2: Know how to take	2.1	List own roles and responsibilities within a team.	1							
responsibility within the team	2.2	Perform tasks in line with the team rules and regulations.	1							
	2.3	Work well in a group.								
LO 3 Know how to ensure	3.1	Implement code of conduct in work environment								
compliance with the	3.2	Use organizational code of practice								
rule(s) of organization	3.3	Work in line with organizational standards.								

Learner's Signature:	Date:
Assessor's Signature:	Date:
IQA Signature (if sampled):	Date:
EQA Signature (if sampled):	Date:

Unit 004: WATER SUPPLY SYSTEM IN POULTRY HOUSE

Unit Reference Number: ANP/PIM/004/L4

NSQ Level: 4

Credit Value: 8

Guided Learning Hours: 80 hours

Unit Purpose: This unit is designed to equip the learner with the knowledge and skills required for the supervision of water supply system in Poultry House.

Unit Assessment Requirements/ Evidence Requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment methods to be used include:

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Work Product (WP)
- 6. Recognition of Prior Learning (RPL)

Unit 004: Water Supply System in Poultry House

Learning Objective (LO)		(PC)	Evi Ty _l		ice]	Evide Ref. Page	nce	
The learner will:		The learner can:						age Numb	er	
LO 1:	1.1	List the types of drinker system								
Know the water supply system	1.2	Explain the advantages of the following: Bell drinker Nipple drinker						5) -	
	1.3	Explain the disadvantages of the following: Bell drinker Nipple drinker		\ \ \		Y				
	1.4	Select the best watering system for optimal performance and cost control								
	1.5	Interpret the water supply flow chart								
	1.6	Inspect the land terrain for efficient water supply system								
	1.7	Select the types of equipment for better water supply								
LO 2:	2.1	Examine the existing water supply								
Know how to	2.2	system								
improve the water supply process	2.2	Report to improve water supply process								
supply process	2.3	Check the water lines to improve water pressure								
B	2.4	Monitor water lines linkage to balance water requirement in poultry house.								
Alex.	2.5	Show the appropriate location of valves for water control								
\mathcal{O}'	2.6	Select required water pumps to improve water supply								
	2.7	Select the correct location and lagging of overhead tanks to reduce water temperature								

AF

Learning Objective (LO) The learner will:		Performance Criteria: - (PC) The learner can:		Evidence Type		Ref Pag			
	2.8	Select the correct location of water lines to reduce the water temperature							
	2.9	Monitor water pressure for adequate water flow					(
LO 3: Know how to	3.1	Monitor water treatment methods to improve water quality			_				
upgrade the water quality	3.2	Ensure the use of right chemicals for water treatment		\)				
4	3.3	Develop ways to detect reduced water intake	7	>	,				
	3.4	Select appropriate water pipe materials to withstand pressure							
	3.5	Supervise water sampling to check water quality							
	3.6	Inspect the pipelines to detect contamination							
	3.7	Monitor regular flushing of pipelines to remove debris.							
LO 4: Know how to	4.1	Monitor float valves to prevent water overflow							_
troubleshoot in water supply system	4.2	Select the required pumping capacity with the water requirement							
	4.3	Monitor water pumping for storage							
B	4.4	Supervise water conservation through reticulation							
LO 5:	5.1	Monitor the installation of water							
Know installation		meter to estimate water usage							
and maintenance of	5.2	Monitor the bore holes for							
water supply system		functionally							
Y	5.3	Implement Shift systems with pumps to maintain them							_
	5.4	Observe water leakage from tanks and taps							

Learning Objective (LO) The learner will:		(PC) The learner can:		Type		Evidence Type			Re Pa		
	5.5	Check frequently for blockages in nipples and nozzles									
	5.6	Supervise the cleaning of overhead tanks to remove sediments to improve water quality					\ \)			
	5.7	Document and update maintenance reports					()				
	5.8	Monitor routine maintenance to prevent pipe leakages.		_	<						

	<u>/ </u>
Learner's Signature:	Date:
Assessor's Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:
ONAL BOARD FOR	

Unit 005: SYSTEM INSTALLATION IN A POULTRY HOUSE

Unit Reference Number: ANP/PIM/005/L4

NSQ Level: 4

Credit Value: 10

Guided Learning Hours: 100 hours

Unit Purpose: The aim of this unit is to equip the learner with the knowledge and skills needed to supervise installation of poultry equipment systems.

Unit Assessment / Evidence Requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment methods to be used include:

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Work Product (WP)
- 6. Assignments
- 7. Recognition of prior learning (RPL)

UNIT 005: System Installation in a Poultry House

Learning Objective		Performance Criteria: -	Evi	ide	nce	e	E	vide	ence
(LO)		(PC)	Ty	Туре			R	ef	
		The learner can:				P			
The learner will:		The learner can.					N	um	ber
LO 1:	1.1	Identify types of cage unit						1	Y
Know how to install	1.2	Discuss types of cage unit					1		>
cage system	1.3	Monitor the coupling of cage unit				_)	
	1.4	Supervise assemblage of the coupled cage			1				
		unit		4					
	1.5	Check the assembled cage unit	4	()		1			
	1.6	Test run the system)				
LO 2:	2.1	Describe types of feeding system	1						
Know how to install	2.2	Discuss component of feeding system							
feeding system	2.3	Monitor coupling of components of							
		feeding system							
	2.4	Supervise assemblage of the coupled							
		component of feeding system							
	2.5	Check the assembled system							
	2.6	Test run the system							
LO 3:	3.1	Identify the storage system							
Know how to install	3.2	Identify the distribution system							
feed storage and	3.3	Monitor coupling of the storage and							
distribution system		distribution system							
	3.4	Supervise assemblage of the coupled							
		system							
LO 4:	4.1	Identify the types of drinker system							
Know how to install	4.2	Monitor coupling of the components of							
drinker system		drinker system							
	4.3	Supervise assemblage of the coupled							
1		drinker systems							
>	4. 4	Check the assembled system							
	4.5	Test run the system							
LO 5:	5.1	Identify water storage system							
Know how to	5.2	Identify the types of distribution system							
install water									
ı	L		1	<u> </u>	Ь	Ь			

Learning Objective (LO)		(PC)	Evidence Type		Evi Ref Pag	•	ice		
The learner will:		The learner can:					r ag Nui		er
storage and distribution system	5.3	Monitor Coupling of the components of water storage and distribution systems						<	Ś
	5.4	Supervise assemblage of the coupled systems					1	V	>
	5.5	Check the assembled system			-)		
	5.6	Test run the system		.4					
LO 6:	6.1	List the types of manure removal system							
Know how to install manure removal	6.2	Identify the types of manure removal system							
system	6.3	Monitor coupling of the components of manure removal system							
	6.4	Supervise assemblage of the coupled systems							
	6.5	Check the assembled system							
	6.6	Test run the system							
LO 7:	7.1	List types of egg collection systems							
Know how to install	7.2	Identify types of egg collection system							
egg collection system	7.3	Monitor coupling of the components of egg collection system							
	7.4	Supervise assemblage of the coupled system							
1	7.5	Check the assembled system							
	7.6	Test run the system							

LO 8:	8.1	List types of ventilation systems							
Know how to install ventilation system	8.2	Identify the components of ventilation system							
	8.3	Explain the arrangement of a ventilation system							
	8.4	Monitor the coupling of the components of ventilation system					2	1	Y
	8.5	Supervise installation of the coupled system					3		
	8.6	Check the coupled system							
	8.7	Test run the system							
LO 9:	9.1	Identify the cooling pad system	_		Y				
Know how to install thermo-	9.2	List the components of a cooling pad system		1					
regulation system	9.3	Identify the components of a cooling pad system	,						
	9.4	Monitor coupling of the components of a cooling pad system							
	9.5	Supervise assemblage of the components of a cooling pad system							
	9.6	Check the assembled cooling pad system							
	9.7	Test run the system							
LO 10:	10.1	List types of lighting systems							
Know how to	10.2	Identify the types of lighting system							
install lighting system	10.3	List the component of lighting system							
	10.4	Identify the component of lighting system							
)	10.5	Monitor coupling of the							
	10.6	components of lighting system Supervise assemblage of the							
	10.6	coupled component of a lighting system							
	10.7	Check the assembled system							$\overline{}$
	10.8	Test run the system							

Learner's Signature:	Date:
Assessor's Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:
AAL BOARD FOR THURSDAY	

Unit 006: SYSTEM MAINTENANCE IN A POULTRY HOUSE

Unit Reference Number: ANP/PIM/006/L4

NSQ Level: 4

Credit Value: 10

Guided Learning Hours: 100hours

Unit Purpose: The aim of this unit is to equip the learner with the knowledge and skills needed to supervise maintenance of poultry systems.

Unit Assessment / Evidence Requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is allowed in this unit and level.

Assessment methods to be used include:

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Work Product (WP)
- 6. Assignments

UNIT 006: System Maintenance in a Poultry House

Learning Objective		Performance Criteria: -	Ev	id	ence	9	E	Evid	ence	e	
(LO)		(PC)	Ту	pe				Ref.			
The learner will:								age			
	1 1	The learner can:			1	l	N	Num	ber		
LO 1:	1.1	Monitor periodic cleaning of the cage							_		
Know how to maintain	1.2	Explain cage damages									
Cage System	1.3	Identify cage damages							X		
	1.4	Supervise dismantling of damaged cage				4			/		
		parts)			
	1.5	Supervise repair of damaged									
		components			X	٧,				_	_
	1.6	Monitor replacement of damaged			,						
		components		>						_	_
	1.7	Supervise re-assemblage of the repaired									
		cage components									
											1
LO 2:	2.1	Monitor periodic cleaning of the feeding									
Know how to maintain		system									
feeding system	2.2	Explain feeding system damages									
	2.3	Identify feeding system damages									
	2.4	Supervise dismantling of damaged									
		feeding system components									
	2.5	Monitor repair of the damaged									
		components									
	2.6	Supervise replacement of damaged									
		components									
,	2.7	Monitor re-assemblage of the repaired									
		feeding system components									
LO 3:	3.1	Monitor periodic cleaning of the feed									
Know how to maintain		storage system								_	
feed storage and	3.2	Explain feed storage system								_	
distribution system	3.3	Identify feed storage system and									
		distribution system damages								_	4
	3.4	Supervise dismantling of damaged feed									
>		storage and distribution system									
	2.5	components								_	_
	3.5	Monitor repair of the damaged									
	2.6	components							\dashv	-	_
	3.6	Supervise replacement of damaged									
		components									

(LO)		Performance Criteria: -	Ev Ty		enc	e	Evic Ref.	
		(PC)		•			Pag	e
The learner will:		The learner can:					Nur	
	3.7	Monitor re-assemblage of the repaired feed storage and distribution system components						
LO 4	4.1	Monitor periodic cleaning of the drinker system				_		J
Know how to	4.2	Explain drinker system damages			_^			
maintain drinker	4.3	Identify drinker system damages						
system	4.4	Supervise dismantling of damaged drinker system components						
	4.5	Monitor repair of the damaged components						
	4.6	Supervise replacement of the damaged components						
	4.7	Monitor re-assemblage of the repaired drinker system components						
LO 5: Know how to	5.1	Monitor periodic cleaning of the manure removal system						
maintain manure	5.2	Explain manuré removal systems						
removal system	5.3	Identify manure removal system damages						
	5.4	Supervise dismantling of damaged manure removal system parts						
	5.5	Monitor repair of the damaged parts						
	5.6	Supervise replacement of the damaged parts						
	5.7	Monitor re-assemblage of the repaired manure removal system parts						

LO 6:	6.1	Monitor periodic cleaning of the						
Know how to		egg collection system						
maintain Egg	6.2	Explain egg collection system						
collection system	6.3	Identify egg collection system damages						~
	6.4	Supervise dismantling of damaged egg collection system parts						
	6.5	Monitor repair of the damaged parts					,	
	6.6	Supervise replacement of the damaged parts)		
	6.7	Monitor re-assemblage of the repaired egg collection system parts		*				
LO 7: Know how to	7.1	Monitor periodic cleaning of the ventilation system	>	7				
maintain	7.2	Explain ventilation system						
Ventilation System	7.3	Identify ventilation system						
System		damages						
	7.4	Supervise dismantling of damaged ventilation system components						
	7.5	Monitor repair of the damaged components						
	7.6	Supervise replacement of the damaged components						
	7.7	Supervise re-assemblage of the						
	\(\)	repaired ventilation system components						
LO 8: Know how to	8.1	Monitor periodic cleaning of the thermo-regulator system						
maintain Thermo-	8.2	Explain thermo-regulator system						
regulator System	8.3	Identify damaged components of thermo-regulator system						
)	8.4	Supervise dismantling of damaged components of thermo-regulator system						
	8.5	Monitor repair of the damaged components						

	8.6	Supervise replacement of the							
	8.7	damaged components Supervise re-assemblage of the							
	0.7	repaired thermo- regulator system							
		components							1
		Components							
LO 9:	9.1	Monitor periodic cleaning of the						,	>
	, , _	lighting system					- \		
Know how to	9.2	Explain lighting systems				1			
maintain lighting	9.3	Identify damaged components of							
system	7.3	lighting system							
	9.4	Supervise dismantling of damaged		1	Y				
		components of lighting system	4						
	9.5	Monitor repair of the damaged							
		components	X						
	9.6	Supervise the replacement of the)						
		damaged components							
	9.7	Monitor re-assemblage of the							
		repaired lighting system							
		components							
LO 10:	10.1	Monitor periodic cleaning of the							
Know how to		water storage and distribution							
maintain Water	10.0	system							
Storage and Distribution	10.2	Explain water storage and							
System System	10.2	distribution systems							
System	10.3	Identify damaged components of water storage and distribution							
		system							
	10.4	Supervise Dismantling of							
)10.1	damaged components of water							
		storage and distribution system							
1 1 1 1 1 1 1 1 1 1	10.5	Monitor repair of the damaged							
		components							
	10.6	Supervise replacement of the							
		damaged components							
	10.7	Monitor the re-assemblage							
		the repaired water storage							
		and distribution system							
		components							

Learners Signature:	Date:	
Assessors Signature:	Date:	~
IQA Signature (if sampled)	Date:	
EQA Signature (if sampled)	Date:	•
SALIBOARD FOR THE SHALL BOARD FOR THE SALIBOARD		

LIST OF PARTICIPANTS FOR PRE-CRITIQUE

S/N	NAME	ADDRESS	EMAIL
1.	Bldr. Ogunleye Olasoji	CORBON	Ogunleye.soji976@gmail.com
2.	Aminu Kangiwa	COREN	kangiwaaminu@gmail.com
3.	Olugbade Fatai Omolade	CORBON	Olugbadeniob101@gmail.com
4.	Said S. Adenike	NIOB	adenikesaid@gmail.com
5.	Sunday joseph	NIOB	sundaywusu@gmail.com
6.	Garba Hamzat Kolawole	CORBON	Garba.hamzat@gmail.com
7.	Mary Atinuke Kolawole	NIOB	Tinukolawole54@gmail.com
8.	Folashade Laja	NIOB	lajashade@yahoo.com
9.	Olayinka Mercy Momoh	CORBON	ynkmomoh@yahoo.com
10.	Asimiyu Bashir S	CORBON	bldrbsa@yahoo.com
NBT	E STAFF	Ω	
11.	Prof. I.M. Bugaje	Executive Secretary, NBTE Kaduna	es@nbte.gov.ng
12.	Prof. Diya'uddeen B. Hassan	SA/ES, NBTE Kaduna	
13.	Dr. Musa Hatim Koko	Director, CDD	hatimlion@gmail.com
14.	Ruqayya Muhammad Robiu	NBTE	teekaytaheer@gmail.com
15.	Salisu Lawan	NBTE	Muhammadauna.mu@gmail.com

SALESIANS OF DON BOSCO, AFRICA NIGERIA NIGER (ANN) PROVINCE

10	6	Rev Fr Peter Morba	Provincial, ANN Province	provincial@donboscann.org
1'	7 (Rev Fr James Ailen	Vice Provincial, ANN	v.provincial@donboscann.org
13	8	Rev Fr Raphael Airoboman	Provincial Economer	p.economer@donboscoann.org
1	9	Rev Fr Felix Olamide	Provincial Youth Delegate	youth.ministry@donboscoann.org
20	0	Cletus Linus Etukakpan	Provincial TVET Coordinator	ptvetoffice@donboscoann.org

LIST OF PARTICIPANTS FOR FINAL CRITIQUE AND VALIDATION

S/N	NAME	ADDRESS	EMAIL	
1	Bldr. Edidiong Boniface Ekanem	CORBON, Abuja	edidiongbekanem@gmail.com	
2	Bldr. Jummai Agidani	Baze University Abuja	Jummai.agidani@bazeuniversity.e du.ng	
3	Bldr. Usman Abdulmumin Okehi FNIOB	FHM Consults Limited, Abuja	mittabdul@yahoo,com	
NBTE STAFF				
4	Prof. I.M. Bugaje	Executive Secretary, NBTE Kaduna	es@nbte.gov.ng	
5	Prof. Diya'uddeen B. Hassan	SA/ES, NBTE Kaduna		
6	Dr. Musa Hatim Koko	Director, CDD	hatimlion@gmail.com	
7	Engr. Salisu Lawan	NBTE	Salisulataura@gmail.com	
8	Tukur Tahir Mahmud	NBTE	teekaytaheer@gmail.com	

SALESIANS OF DON BOSCO, AFRICA NIGERIA NIGER (ANN) PROVINCE

ATIONAL BORN

9	Rev Fr Peter Morba	Provincial, ANN Province	provincial@donboscann.org
10	Rev Fr James Ailen	Vice Provincial, ANN	v.provincial@donboscann.org
11	Rev Fr Raphael Airoboman	Provincial Economer	p.economer@donboscoann.org
12	Rev Fr Felix Olamide	Provincial Youth Delegate	youth.ministry@donboscoann.org
13	Cletus Linus Etukakpan	Provincial TVET Coordinator	ptvetoffice@donboscoann.org