Qualification Pack

Assistant Greenhouse Operator

QP Code: AGR/Q1009

Version: 1.0

NSQF Level: 2

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AGR/Q1009: Assistant Greenhouse Operator

Brief Job Description

An Assistant Greenhouse Operator assists in setting up and maintaining a greenhouse. The person is also responsible for planting, maintaining, harvesting and marketing different types of plants, vegetables and flowers in a greenhouse.

Personal Attributes

This individual must be physically fit to work for long durations. The person must be able to work as per the given instructions and in coordination with others to achieve the work objectives. Problem-solving skills along with basic oral and written communication skills are the other important attributes required in this job role.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. AGR/N1040: Assist in setting up of greenhouse

2. AGR/N1041: Carry out operations and maintenance of greenhouse

3. DGT/VSQ/N0101: Employability Skills (30 Hours)

Qualification Pack (QP) Parameters

Sector	Agriculture
Sub-Sector	Agriculture Crop Production
Occupation	Precision Farming
Country	India
NSQF Level	2
Credits	7
Aligned to NCO/ISCO/ISIC Code	NCO-2015/6113
Minimum Educational Qualification & Experience	No formal education prescribed with NA of experience

Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	NA
Next Review Date	29/09/2026
NSQC Approval Date	29/09/2023
Version	1.0
Reference code on NQR	QG-02-AG-01016-2023-V1-ASCI
NQR Version	1.0

AGR/N1040: Assist in setting up of greenhouse

Description

This OS unit is about assisting the greenhouse installer in setting up different types of greenhouse.

Scope

The scope covers the following :

- Assist in setting up different types of greenhouse
- Optimise resource utilisation

Elements and Performance Criteria

Assist in setting up different types of greenhouse

To be competent, the user/individual on the job must be able to:

PC1. assist in the selection of an appropriate type of greenhouse such as the lean-to, even or uneven span, ridge and furrow, saw tooth based on the relevant criteria such as the climate, topography, sunlight exposure, availability of quality water, market accessibility, etc.

PC2. assist the greenhouse installer in taking measurements and preparing a layout of the greenhouse

PC3. assist in organising the necessary materials such as wood, galvanized steel or iron, aluminium, glazing material, tools and equipment required for setting up the selected type of greenhouse

PC4. level the selected land as per the installer's instructions before the installation of the greenhouse

PC5. assist in preparing the greenhouse structure and erecting it as per the prepared layout, ensuring good air-circulation, adequate sunlight exposure along with temperature and humidity control equipment

PC6. assist in installing the appropriate glazing material as per the plan such as Polycarbonate plastic, glass, Fibre-reinforced plastic (FRP), corrugated sheet, plastic film, Ultraviolet stabilised low-density polyethene, Silpaulin, etc.

PC7. Assist in Installation of wireless sensor networks or IOT based systems to regulate the greenhouse as per plan

PC8. assist in installing automated or non-automated irrigation or fertigation system as planned

PC9. arrange for safe drainage of excess water from the greenhouse and its protection from external threats such as stray animals, whiteflies, rodents, etc.

Optimise resource utilisation

To be competent, the user/individual on the job must be able to:

PC10. optimise the usage of water and other resources in various tasks and processes

PC11. plug water leakages to prevent its wastage

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. different types of greenhouse such as the lean-to, even or uneven span, ridge and furrow, sawtooth, etc.

KU2. the criteria for selecting a particular type of greenhouse to be set up, such as the climate, topography, sunlight exposure, availability of quality water, market accessibility, etc.

KU3. the process of taking measurements and preparing a layout of the greenhouse

KU4. various materials required for setting up a greenhouse according to the type selected such as wood, galvanized steel or iron, aluminium, glazing material, tools and equipment, etc.

KU5. the process of levelling the selected land, preparing the greenhouse structure and erecting it as per the prepared layout

KU6. the importance of ensuring good air-circulation along with the recommended sunlight exposure, temperature and humidity in the greenhouse

KU7. how to install the relevant temperature and humidity control equipment

KU8. the process of installing the appropriate glazing material as per the plan such as glass, Fibre-reinforced plastic (FRP), corrugated sheet, plastic film, Ultraviolet stabilised low-density polyethene, Silpaulin, etc.

KU9. the process of installing an irrigation or fertigation system

KU10. the importance of arranging for safe drainage of excess water from the greenhouse and its protection from external threats such as stray animals, whiteflies, rodents, etc.

KU11. the benefits of resource optimisation

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. write work-related notes and records

GS2. read the relevant literature to get information about new developments in the field of work

GS3. communicate politely and professionally

GS4. listen attentively to understand the information/ instructions being given

GS5. identify possible disruptions to work and take appropriate preventive measures

GS6. evaluate all possible solutions to a problem to select the best solution

GS7. plan and prioritise tasks to ensure timely completion

GS8. co-ordinate with the co-workers to achieve the work objectives

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in setting up different types of greenhouse	**20**	**25**	**-**	**20**
PC1. assist in the selection of an appropriate type of greenhouse such as the lean-to, even or uneven span, ridge and furrow, saw tooth based on the relevant criteria such as the climate, topography, sunlight exposure, availability of quality water, market accessibility, etc.	-	-	-	-
PC2. assist the greenhouse installer in taking measurements and preparing a layout of the greenhouse	-	-	-	-
PC3. assist in organising the necessary materials such as wood, galvanized steel or iron, aluminium, glazing material, tools and equipment required for setting up the selected type of greenhouse	-	-	-	-
PC4. level the selected land as per the installer's instructions before the installation of the greenhouse	-	-	-	-
PC5. assist in preparing the greenhouse structure and erecting it as per the prepared layout, ensuring good air-circulation, adequate sunlight exposure along with temperature and humidity control equipment	-	-	-	-
PC6. assist in installing the appropriate glazing material as per the plan such as Polycarbonate plastic, glass, Fibre-reinforced plastic (FRP), corrugated sheet, plastic film, Ultraviolet stabilised low-density polyethene, Silpaulin, etc.	-	-	-	-
PC7. Assist in Installation of wireless sensor networks or IOT based systems to regulate the greenhouse as per plan	-	-	-	-
PC8. assist in installing automated or non-automated irrigation or fertigation system as planned	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC9. arrange for safe drainage of excess water from the greenhouse and its protection from external threats such as stray animals, whiteflies, rodents, etc.	-	-	-	-
Optimise resource utilisation	**10**	**15**	**-**	**10**
PC10. optimise the usage of water and other resources in various tasks and processes	-	-	-	-
PC11. plug water leakages to prevent its wastage	-	-	-	-
NOS Total	**30**	**40**	**-**	**30**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N1040
NOS Name	Assist in setting up of greenhouse
Sector	Agriculture
Sub-Sector	Agriculture Crop Production
Occupation	Precision Farming
NSQF Level	2
Credits	3
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

AGR/N1041: Carry out operations and maintenance of greenhouse

Description

This OS unit is about carrying out various greenhouse operations such as planting, maintaining, harvesting and marketing seeds, flowers, vegetables and plants. It also covers maintenance of the greenhouse and waste management practices.

Scope

The scope covers the following :

- Plant and maintain seeds, vegetables and plants
- Harvest, acclimatise and transplant seedlings and plants
- Harvest the flowers and vegetables
- Carry out post-harvest processing and marketing of flowers and vegetables
- Maintain the greenhouse
- Perform waste management

Elements and Performance Criteria

Plant and maintain seeds, vegetables and plants

To be competent, the user/individual on the job must be able to:

PC1. ensure the availability of required planting material

PC2. prepare the raised, flat or sunken bed in the greenhouse as per the requirement

PC3. plant seeds, vegetables and different types of plants in the greenhouse

PC4. water the planted seeds, vegetables, flowers and plants with the recommended quantity

PC5. apply relevant fertilizers in the recommended quantity to promote the healthy growth of seedlings, vegetables and plants

PC6. check the seedlings, vegetables, flowers and plants to identify the signs of pests and disease

PC7. apply the recommended pesticides and insecticides to control pest and disease infestation

PC8. remove the dead and damaged seedlings, vegetables, flowers and plants

PC9. apply herbicides and weedicides and carry out manual weeding to prevent unwanted growth in the greenhouse

PC10. maintain the recommended temperature, humidity and sunlight exposure in the greenhouse

PC11. carry out regular repair and maintenance of the irrigation or fertigation system

PC12. maintain the manual and/ or electronic record of herbicides, weedicides fertilizers, pesticides and insecticides used in the greenhouse

Harvest, acclimatise and transplant seedlings and plants

To be competent, the user/individual on the job must be able to:

PC13. check the readiness of the seedlings and plants for being transplanted

PC14. harvest the seedlings and plants ensuring no damage to them

PC15. acclimatise the seedlings and plants under the recommended temperature, protecting them from harsh conditions

PC16. transplant the acclimatised seedlings and plants in the garden

Harvest the flowers and vegetables

To be competent, the user/individual on the job must be able to:

PC17. check the maturity of flowers and vegetables grown in the greenhouse

PC18. harvest the flowers and vegetables using the appropriate tools and collect them in appropriate baskets and/ or containers

PC19. store the harvested flowers and vegetables at the recommended temperature, humidity and hygienic conditions

Carry out post-harvest processing and marketing of flowers and vegetables

To be competent, the user/individual on the job must be able to:

PC20. carry out sorting and grading of the flowers and vegetables

PC21. clean the vegetables using clean water and recommended cleaning agents

PC22. prepare the hydration solution and apply it to the flowers to maintain their freshness

PC23. market the flowers and vegetables to the customers visiting the greenhouse or to the regular market buyers

PC24. process the payments using the appropriate e-payment methods

PC25. maintain the record of sales and payments manually and/or electronically using the physical registers and/ or the relevant computer application

Maintain the greenhouse

To be competent, the user/individual on the job must be able to:

PC26. maintain cleanliness in the greenhouse through regular sweeping and removal of trash

PC27. check the greenhouse structure regularly to identify the repair and maintenance needs

PC28. carry out regular repair and maintenance of the greenhouse structure and co-ordinate with an expert for complex repairs

Perform waste management

To be competent, the user/individual on the job must be able to:

PC29. segregate waste into appropriate categories

PC30. dispose or recycle different types of wastes following the recommended practices

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. the process to prepare raised, flat or sunken bed in the greenhouse

KU2. how to plant seeds, vegetables and different types of plants in the greenhouse

KU3. water requirements of different types of seeds, vegetables, flowers and plants

KU4. how to apply fertilizers, herbicides, weedicides, pesticides and insecticides in a greenhouse

KU5. signs of pests and disease in the seedlings, vegetables, flowers and plants

KU6. the importance of maintaining the recommended temperature, humidity and sunlight exposure in the greenhouse

KU7. the process of carrying out regular repair and maintenance of the irrigation or fertigation system

KU8. applicable documentation and record-keeping requirements

KU9. the process of harvest, acclimatising and transplanting seedlings and plants

KU10. the process of harvesting flowers and vegetables, and the use of relevant tools

KU11. the importance of storing the harvested flowers and vegetables at the recommended temperature, humidity and hygienic conditions

KU12. post-harvest processing and marketing of flowers and vegetables i.e. sorting and grading, cleaning and marketing

KU13. how to prepare the hydration solution and apply it on flowers to maintain their freshness

KU14. use of relevant e-payment methods

KU15. use of physical registers and/ or the relevant computer application to maintain manual or electronic record of sales and payments

KU16. the importance of maintaining cleanliness in the greenhouse

KU17. how to carry out regular repair and maintenance of the greenhouse

KU18. the criteria for segregating waste into different categories

KU19. the process of recycling and disposing different types of waste

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. maintain work-related notes and records

GS2. read the relevant guides and manuals

GS3. communicate politely and professionally

GS4. listen attentively to understand the information/instructions being shared

GS5. plan and schedule various tasks for effective time-management

GS6. identify possible disruptions to work and take appropriate preventive measures

GS7. evaluate all the possible solutions to a problem to select the best one

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Plant and maintain seeds, vegetables and plants	**10**	**12**	**-**	**8**
PC1. ensure the availability of required planting material	-	-	-	-
PC2. prepare the raised, flat or sunken bed in the greenhouse as per the requirement	-	-	-	-
PC3. plant seeds, vegetables and different types of plants in the greenhouse	-	-	-	-
PC4. water the planted seeds, vegetables, flowers and plants with the recommended quantity	-	-	-	-
PC5. apply relevant fertilizers in the recommended quantity to promote the healthy growth of seedlings, vegetables and plants	-	-	-	-
PC6. check the seedlings, vegetables, flowers and plants to identify the signs of pests and disease	-	-	-	-
PC7. apply the recommended pesticides and insecticides to control pest and disease infestation	-	-	-	-
PC8. remove the dead and damaged seedlings, vegetables, flowers and plants	-	-	-	-
PC9. apply herbicides and weedicides and carry out manual weeding to prevent unwanted growth in the greenhouse	-	-	-	-
PC10. maintain the recommended temperature, humidity and sunlight exposure in the greenhouse	-	-	-	-
PC11. carry out regular repair and maintenance of the irrigation or fertigation system	-	-	-	-
PC12. maintain the manual and/ or electronic record of herbicides, weedicides fertilizers, pesticides and insecticides used in the greenhouse	-	-	-	-
Harvest, acclimatise and transplant seedlings and plants	**6**	**8**	**-**	**4**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. check the readiness of the seedlings and plants for being transplanted	-	-	-	-
PC14. harvest the seedlings and plants ensuring no damage to them	-	-	-	-
PC15. acclimatise the seedlings and plants under the recommended temperature, protecting them from harsh conditions	-	-	-	-
PC16. transplant the acclimatised seedlings and plants in the garden	-	-	-	-
Harvest the flowers and vegetables	**4**	**6**	**-**	**4**
PC17. check the maturity of flowers and vegetables grown in the greenhouse	-	-	-	-
PC18. harvest the flowers and vegetables using the appropriate tools and collect them in appropriate baskets and/ or containers	-	-	-	-
PC19. store the harvested flowers and vegetables at the recommended temperature, humidity and hygienic conditions	-	-	-	-
Carry out post-harvest processing and marketing of flowers and vegetables	**4**	**8**	**-**	**6**
PC20. carry out sorting and grading of the flowers and vegetables	-	-	-	-
PC21. clean the vegetables using clean water and recommended cleaning agents	-	-	-	-
PC22. prepare the hydration solution and apply it to the flowers to maintain their freshness	-	-	-	-
PC23. market the flowers and vegetables to the customers visiting the greenhouse or to the regular market buyers	-	-	-	-
PC24. process the payments using the appropriate e-payment methods	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC25. maintain the record of sales and payments manually and/or electronically using the physical registers and/ or the relevant computer application	-	-	-	-
Maintain the greenhouse	**2**	**4**	**-**	**4**
PC26. maintain cleanliness in the greenhouse through regular sweeping and removal of trash	-	-	-	-
PC27. check the greenhouse structure regularly to identify the repair and maintenance needs	-	-	-	-
PC28. carry out regular repair and maintenance of the greenhouse structure and co-ordinate with an expert for complex repairs	-	-	-	-
Perform waste management	**4**	**2**	**-**	**4**
PC29. segregate waste into appropriate categories	-	-	-	-
PC30. dispose or recycle different types of wastes following the recommended practices	-	-	-	-
NOS Total	**30**	**40**	**-**	**30**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N1041
NOS Name	Carry out operations and maintenance of greenhouse
Sector	Agriculture
Sub-Sector	Agriculture Crop Production
Occupation	Precision Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

DGT/VSQ/N0101: Employability Skills (30 Hours)

Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

Scope

The scope covers the following :

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

Elements and Performance Criteria

Introduction to Employability Skills

To be competent, the user/individual on the job must be able to:

PC1. understand the significance of employability skills in meeting the job requirements

Constitutional values – Citizenship

To be competent, the user/individual on the job must be able to:

PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices

Becoming a Professional in the 21st Century

To be competent, the user/individual on the job must be able to:

PC3. explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.

Basic English Skills

To be competent, the user/individual on the job must be able to:

PC4. speak with others using some basic English phrases or sentences

Communication Skills

To be competent, the user/individual on the job must be able to:

PC5. follow good manners while communicating with others

PC6. work with others in a team

Diversity & Inclusion

To be competent, the user/individual on the job must be able to:

PC7. communicate and behave appropriately with all genders and PwD

PC8. report any issues related to sexual harassment

Financial and Legal Literacy

To be competent, the user/individual on the job must be able to:

PC9. use various financial products and services safely and securely

PC10. calculate income, expenses, savings etc.

PC11. approach the concerned authorities for any exploitation as per legal rights and laws

Essential Digital Skills

To be competent, the user/individual on the job must be able to:

PC12. operate digital devices and use its features and applications securely and safely

PC13. use internet and social media platforms securely and safely

Entrepreneurship

To be competent, the user/individual on the job must be able to:

PC14. identify and assess opportunities for potential business

PC15. identify sources for arranging money and associated financial and legal challenges

Customer Service

To be competent, the user/individual on the job must be able to:

PC16. identify different types of customers

PC17. identify customer needs and address them appropriately

PC18. follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

To be competent, the user/individual on the job must be able to:

PC19. create a basic biodata

PC20. search for suitable jobs and apply

PC21. identify and register apprenticeship opportunities as per requirement

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. need for employability skills

KU2. various constitutional and personal values

KU3. different environmentally sustainable practices and their importance

KU4. Twenty first (21st) century skills and their importance

KU5. how to use basic spoken English language

KU6. Do and dont of effective communication

KU7. inclusivity and its importance

KU8. different types of disabilities and appropriate communication and behaviour towards PwD

KU9. different types of financial products and services

KU10. how to compute income and expenses

KU11. importance of maintaining safety and security in financial transactions

KU12. different legal rights and laws

KU13. how to operate digital devices and applications safely and securely

KU14. ways to identify business opportunities

KU15. types of customers and their needs

KU16. how to apply for a job and prepare for an interview

KU17. apprenticeship scheme and the process of registering on apprenticeship portal

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. communicate effectively using appropriate language

GS2. behave politely and appropriately with all

GS3. perform basic calculations

GS4. solve problems effectively

GS5. be careful and attentive at work

GS6. use time effectively

GS7. maintain hygiene and sanitisation to avoid infection

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Introduction to Employability Skills	1	1	-	-
PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
Constitutional values – Citizenship	1	1	-	-
PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
Becoming a Professional in the 21st Century	1	3	-	-
PC3. explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
Basic English Skills	2	3	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
Communication Skills	1	1	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
Diversity & Inclusion	1	1	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
Financial and Legal Literacy	3	4	-	-
PC9. use various financial products and services safely and securely	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. calculate income, expenses, savings etc.	-	-	-	-
PC11. approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
Essential Digital Skills	**4**	**6**	**-**	**-**
PC12. operate digital devices and use its features and applications securely and safely	-	-	-	-
PC13. use internet and social media platforms securely and safely	-	-	-	-
Entrepreneurship	**3**	**5**	**-**	**-**
PC14. identify and assess opportunities for potential business	-	-	-	-
PC15. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
Customer Service	**2**	**2**	**-**	**-**
PC16. identify different types of customers	-	-	-	-
PC17. identify customer needs and address them appropriately	-	-	-	-
PC18. follow appropriate hygiene and grooming standards	-	-	-	-
Getting ready for apprenticeship & Jobs	**1**	**3**	**-**	**-**
PC19. create a basic biodata	-	-	-	-
PC20. search for suitable jobs and apply	-	-	-	-
PC21. identify and register apprenticeship opportunities as per requirement	-	-	-	-
NOS Total	**20**	**30**	**-**	**-**

National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.

2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.

3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).

4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.

5. In case of successfully passing only certain number of NOSs, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.

6. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

Minimum Aggregate Passing % at QP Level : 50

(**Please note**: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
AGR/N1040.Assist in setting up of greenhouse	30	40	-	30	100	45
AGR/N1041.Carry out operations and maintenance of greenhouse	30	40	-	30	100	50
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5
Total	**80**	**110**	**-**	**60**	**250**	**100**

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.