







# **Model Curriculum**

**QP Name: Assistant Technician (Harvest & Post-harvest Machine)** 

QP Code: AGR/Q1116

Version: 1.0

**NSQF Level: 2** 

**Model Curriculum Version: 1.0** 







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# **Training Parameters**

Sector	Agriculture
Sub-Sector	Agriculture Crop Production
Occupation	Farm Machinery, Equipment Operation and maintenance
Country	India
NSQF Level	2
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7233.2800
Minimum Educational Qualification and Experience	No formal education
Pre-Requisite License or Training	NA
Minimum Job Entry Age	NA
Last Reviewed On	29/09/2023
Next Review Date	29/09/2026
NSQC Approval Date	29/09/2023
QP Version	1.0
Model Curriculum Creation Date	31/08/2023
Model Curriculum Valid Up to Date	29/09/2026
Model Curriculum Version	1.0
Minimum Duration of the Course	210 Hours
Maximum Duration of the Course	210 Hours







# **Program Overview**

This section summarizes the end objectives of the program along with its duration.

### **Training Outcomes**

At the end of the program, the learner should have acquired the listed knowledge and skills to:

- Discuss the role and responsibilities of a Harvest & Post-harvest Machine Assistant Technician.
- Demonstrate how to carry out repair and maintenance of the harvesting and post-harvest machineries.
- Explain the health, hygiene and safety measures to be adopted at the workplace.

### **Compulsory Modules**

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
AGR/N1149: Perform repair and maintenance of harvesting and post-harvest machineries NOS Version-1.0 NSQF Level-2	60:00	90:00	0:00	0:00	150:00
Bridge Module  Module 1: Introduction to the role of a Harvest & Post-harvest Machine Assistant Technician	5:00	0:00	0:00	0:00	5:00
Module 2: Repair and maintenance of the harvesting and post-harvestmachineries	55:00	90:00	0:00	0:00	145:00
AGR/N9903 Maintain health and safety at the workplace NOS Version-4.0 NSQF Level-4	15:00	15:00	0:00	0:00	30:00







Module 3: Hygiene and cleanliness	03:00	03:00	0:00	0:00	06:00
Module 4: Safety and emergency procedures	12:00	12:00	0:00	0:00	24:00
DGT/VSQ/N0101 Employability Skills NOS Version-1.0 NSQF Level-2	30:00	00:00	0:00	0:00	30:00
Module 5: Employability Skills	30:00	00:00	0:00ss	0:00	30:00
Total Duration	105:00	105:00	0:00	0:00	210:00







# **Module Details**

# Module 1: Introduction to the role of an Assistant Technician Harvest & Post-harvest Machine

Bridge Module, Mapped to AGR/N1149 v1.0

#### **Terminal Outcomes:**

• Discuss the roles and responsibilities of an Assistant Technician Harvest & Post-harvest Machine.

Duration: 5:00	Duration: 0:00				
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes				
<ul> <li>Describe the size and scope of the agriculture industry and its sub- sectors.</li> </ul>					
<ul> <li>Explain the role and responsibilities of an Assistant Technician Harvest &amp; Post- harvest Machine.</li> </ul>					
<ul> <li>Identify various employment opportunities for an Assistant Technician Harvest &amp; Post-harvest Machine in the agriculture industry.</li> </ul>					
Explain the importance of individual's role in the workflow.					
Classroom Aids					
Training kit - Trainer guide, presentations, whiteboard, marker, projector, laptop, video films					
Tools, Equipment and Other Requirements					
NA					







# Module 2: Repair and maintenance of the harvesting and post-harvest machineries

Mapped to AGR/N1149 v1.0

#### **Terminal Outcomes:**

- Describe the process of examining the harvesting and post-harvest machineries to detect malfunctions, wear and tear or damage.
- Demonstrate the process of carrying out repair and maintenance of the harvesting and post-harvest machineries.

Duration: 40:00	Duration: 75:00					
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes					
<ul> <li>Explain the importance of carrying out regular maintenance and repair harvesting and post-harvesting machineries.</li> <li>Identify various components of reapers and power threshers such as cutter bar, reel/ star wheel, windrower, etc.</li> </ul>	<ul> <li>Examine crop-row divider and cutter bar for any wear and tear or damage.</li> <li>Check the reel belt, thresher belt and v-belt for the required level of tension.</li> <li>Inspect the drive pulley key and the belt for a secure connection.</li> </ul>					
<ul> <li>Identify various attachments used with post-harvest equipment.</li> </ul>	<ul> <li>Check all the nuts, bolts and reaper components are secured firmly.</li> </ul>					
<ul> <li>Explain relevant adjustments to be made to operate post-harvest machineries.</li> </ul>	<ul> <li>Examine the conveyor belt, v-belt, cutter bar, knife, star wheels, pressure springs and lugs for wear</li> </ul>					
<ul> <li>Explain the common defects found in reapers, threshers and post-harvest machineries.</li> </ul>	<ul> <li>and tear or damages.</li> <li>Demonstrate the process of cleaning the reaper guards and thresher.</li> </ul>					
<ul> <li>Explain the service and maintenance procedures for harvesting and post- harvest machineries.</li> </ul>	<ul> <li>Show how to apply paint on the machine body and lubricant on the greasing points</li> </ul>					
<ul> <li>List various tools and equipment used in the repair and maintenance of the harvesting and post-harvesting machineries.</li> <li>Describe the process to replace</li> </ul>	Demonstrate how to adjust the blades and height of the reel to ensure the optimum cut length and correct gathering of crop					
components in different types of reapers, threshers and post-harvest machineries.	<ul> <li>respectively.</li> <li>Show how to set the twine tension along with the tension in trigger spring to get the required bundle size.</li> </ul>					
	<ul> <li>Evaluate the performance of the feeding mechanism.</li> </ul>					
	Examine the sieve and conclave for					







the correct size.

- Demonstrate smoothening of rough grooves on the pulley surface along with the face of pliers.
- Show how to adjust the base angle of feeding chute, concave gap and clearance, and the reel height and idler pulley as per the operator's manual.
- Demonstrate setting the pegs on the threshing cylinder tightly.
- Show how to refill the engine oil and fuel to the recommended levels.
- Show how to set the cylinderconcave clearance and sieve slope as per the operator's manual.
- Demonstrate the process of setting the recommended speed of blower/aspirator, sieves, and threshing cylinder.
- Check the threshing cylinder for correct direction of rotation and any interference by rotating it manually.
- Demonstrate the process of setting the recommended speed of blower/aspirator, sieves, and threshing cylinder.
- Show how to clean the postharvesting machineries such as cleaner/ grader, drying equipment, rice/ flour/ spice mill, oil expelling machines, chaff cutters etc.
- Check the sieves and hoppers for correct oscillation and any wear and tear/ damage.
- Examine the drying chamber, heating system and air distribution system of the dryer for wear and tear and correct functioning.
- Inspect the components of mills and oil expelling machines, feeding chute, blade and gear for correct functioning, wear and tear and damage.







- Demonstrate the process of installing new components to replace the worn-out or damaged ones.
- Demonstrate the process of setting the cleaner feed rate, air flow rate, air temperature, grain flow rate in the dryer, plating space, Revolutions Per Minute (RPM), screen size, spacing between rubber rolls, feeding roller gap, cutting gap in chaff cutters, hydraulic press feed rate, operating pressure, moisture and temperature of oilseeds, frequency and amplitude of oscillations to as per the manufacturer's recommendations.

#### **Classroom Aids**

#### **Training kit (Trainer guide, Presentations)**

#### **Tools, Equipment and Other Requirements**

Reaper, thresher, reaper binders, cleaners/ graders, milling machinery, sugarcane crushers and chaff cutters. Drying equipment, dal mill, rice mill, flour mill, Tools such as screwdriver set, pliers set, hammer set, set of chisels, set of files, hand hacksaw, set of spanners, set of sockets, set of pullers, pipe wrench, adjustable screw wrench, chisel set, tongs, hand grease gun, bench vice, micrometer, vernier callipers, screw jack, hydraulic jack, air compressor, washing machine, welding machine, bearing pullers, anvil, cotton jute etc Power cutter, Drill machine







# Module 3: Hygiene and cleanliness *Mapped to NOS AGR/N9903 v4.0*

#### **Terminal Outcomes:**

- Discuss how to adhere to personal hygiene practices.
- Demonstrate ways to ensure cleanliness around the workplace.

Duration: 03:00	Duration: <i>03:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Explain the requirements of personal health, hygiene and fitness at work.</li> <li>Describe common health-related guidelines laid down by the organizations/ Government at the workplace</li> <li>Explain the importance of good housekeeping at the workplace.</li> <li>Explain the importance of informing the designated authority on personal health issues related to injuries and infectious diseases.</li> </ul>	<ul> <li>Demonstrate personal hygiene practices to be followed at the workplace.</li> <li>Demonstrate the correct way of washing hands using soap and water, and alcoholbased hand rubs.</li> <li>Demonstrate the steps to follow to put on and take off a mask safely.</li> <li>Show how to sanitize and disinfect one's work area regularly.</li> <li>Demonstrate adherence to the workplace sanitization norms.</li> <li>Show how to ensure cleanliness of the work area.</li> </ul>

#### **Classroom Aids:**

Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook.

### **Tools, Equipment and Other Requirements**

Personal Protective Equipment, cleaning equipment and materials, sanitizer, soap, mask







## Module 4: Safety and emergency procedures Mapped to NOS AGR/N9903 v4.0

#### **Terminal Outcomes:**

- Describe how to adhere to safety guidelines.
- Show how to administer appropriate emergency procedures.

#### **Classroom Aids:**

Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook.

### **Tools, Equipment and Other Requirements**

Personal protective equipment, first aid kit, equipment used in medical emergencies.







# Module 5: Employability Skills (30 hours) Mapped to NOS DGT/VSQ/N0101 v1.0

Duration: 60:00

#### **Key Learning Outcomes**

#### **Introduction to Employability Skills Duration: 1 Hour**

After completing this programme, participants will be able to:

1. Discuss the importance of Employability Skills in meeting the job requirements

#### **Constitutional values - Citizenship Duration: 1 Hour**

- 2. Explain constitutional values, civic rights, duties, citizenship, responsibility towards society etc. that are required to be followed to become a responsible citizen.
- 3. Show how to practice different environmentally sustainable practices

#### Becoming a Professional in the 21st Century Duration: 1 Hours

- 4. Discuss 21st century skills.
- 5. Display positive attitude, self -motivation, problem solving, time management skills and continuous learning mindset in different situations.

#### **Basic English Skills Duration: 2 Hours**

6. Use appropriate basic English sentences/phrases while speaking

#### **Communication Skills Duration: 4 Hour**

- 7. Demonstrate how to communicate in a well -mannered way with others.
- 8. Demonstrate working with others in a team

#### **Diversity & Inclusion Duration: 1 Hour**

- 9. Show how to conduct oneself appropriately with all genders and PwD
- 10. Discuss the significance of reporting sexual harassment issues in time

#### **Financial and Legal Literacy Duration: 4 Hours**

- 11. Discuss the significance of using financial products and services safely and securely.
- 12. Explain the importance of managing expenses, income, and savings.
- 13. Explain the significance of approaching the concerned authorities in time for any exploitation as per legal rights and laws

#### **Essential Digital Skills Duration: 3 Hours**

- 14. Show how to operate digital devices and use the associated applications and features, safely and securely
- 15. Discuss the significance of using internet for browsing, accessing social media platforms, safely and securely

#### **Entrepreneurship Duration: 7 Hours**

16. Discuss the need for identifying opportunities for potential business, sources for arranging money and potential legal and financial challenges

#### **Customer Service Duration: 4 Hours**

17. Differentiate between types of customers

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- 18. Explain the significance of identifying customer needs and addressing them
- 19. Discuss the significance of maintaining hygiene and dressing appropriately

### **Getting ready for apprenticeship & Jobs Duration: 2 Hours**

- 20. Create a biodata
- 21. Use various sources to search and apply for jobs
- 22. Discuss the significance of dressing up neatly and maintaining hygiene for an interview
- 23. Discuss how to search and register for apprenticeship opportunities







## **Trainer Requirements**

## **Annexure**

Trainer Prerequisites						
Minimum Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks
Qualification  12th Class	Class 12th with Science and having any Certificate in course in Farm	Years 5	Agriculture Farm Machinery	Years 0	Specialization	Ex-Service-Man including Ex-Paramilitary personnel: Minimum Qualification is 10+2 with an
	Mechanization from recognized institutes					Honourable Discharge/Pension. SSC would consider a relaxation/waiver of sector-specific experience on a case- to-case basis.
Diploma	Diploma (Mechanical / Agriculture engineering)	3	Agriculture Farm Machinery	0		
ITI	ITI (Mechanical / Agriculture engineering)	3	Agriculture Farm Machinery	0		
Graduate	Graduate (Agriculture)	1	Agriculture Farm Machinery	0		For school Program minimum qualification of Trainer should be Graduate (Agriculture / Physics). Their Teaching experience will be considered industry experience
B. Tech	B Tech in Mechanical / Agriculture engineering.	0		0		

Trainer Certification						
Domain Certification	Platform Certification					
Certified for Job Role "Assistant Technician Harvest & Post-harvest Machine", mapped to QP: "AGR/Q1116, v1.0", Minimum accepted score is80%	Recommended that the Trainer is certified for the Job Role: "Trainer (Vet and Skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0". Minimum accepted score as per MEPSC guidelines is 80%.					







## **Assessor Requirements**

	Assessor Prerequisites						
Minimum Educationa I	Specialization	Relevant Industry Experience				Remarks	
Qualificati on		Year s	Specialization	Years	Specializati on		
Graduation	B. Tech (Agriculture Engineering/Mechan ical Engineering/Farm Machinery)	5	Agriculture/Farm Machinery/Mechan ical Engineering and related streams	0		Practical skills and Knowledge required in the maintenance of farm machinery	
Graduation	B.Sc. (Agriculture / Agriculture Engineering and related streams)	5	Agriculture/Farm Machinery/Mechan ical Engineering and related streams	0		Practical skills and Knowledge required in the maintenance of farm machinery	
Post- graduation	M. Tech(Agriculture Engineering/Mechan ical Engineering/Farm Machinery)	2	Agriculture/Farm Machinery/Mechan ical Engineering and related streams	0		Practical skills and Knowledge required in the maintenance of farm machinery	
Post- graduation	M.Sc. (Agriculture / Agriculture Engineering and related streams)	2	Agriculture/Farm Machinery/Mechan ical Engineering and related streams	0		Practical skills and Knowledge required in the maintenance of farm machinery	
	PhD (Agriculture / Agriculture Engineering/Farm engineering and related streams)	1	Agriculture/Farm Machinery/Mechan ical Engineering and related streams	0		Practical skills and Knowledge required in the maintenance of farm machinery	







Assessor Certification					
Domain Certification	Platform Certification				
"Assistant Technician Harvest & Post-harvest Machine", "AGR/Q1116, v1.0", Minimum accepted score is 80%	Certified for the Job Role: "Assessor (Vet and Skills)", mappedto the Qualification Pack: "MEP/Q2701, v2.0", with a minimum score of 80%.				







### **Assessment Strategy**

#### **Assessment System Overview**

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

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

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

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

- Multiple Choice Questions: 20%-30%, depending on the specific QP
- Viva: 20%
- Practical: 50% 60% (Involves demonstrations of applications and presentations of procedures/tasks and other components)
- Assessment will be carried out by certified assessors through empanelled assessment partners. Based on the results of assessment; ASCI will certify the learners/candidates

#### **Testing Environment**

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

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

- Multilingual assessments (ASCI is conducting assessments in 13 + languages pan India)
- Rubric driven assessments in Practical/Viva sections and responses recorded accordingly
- All responses, data, records and feedback stored digitally on cloud
- Advanced auto-proctoring features photographs, time-stamp, geographic-tagging, togglescreen/copy-paste disabled, etc.
- Android based monitoring system
- End to end process from allocation of a batch to final result upload, there is no manual intervention
- Assessment will normally be fixed for a day after the end date of training / within 7 days of completion of training.







- Assessment will be conducted at the training venue
- Room where assessment is conducted will be set with proper seating arrangements with enough space to curb copying or other unethical activities
- Question bank of theory and practical will be prepared by ASCI /assessment agency and approved ASCI. Only from approved Question Bank assessment agency will prepare the question paper. Theory testing will include multiple choice questions, pictorial question, etc. which will test the trainee on his theoretical knowledge of the subject.
- The theory, practical and viva assessments will be carried out on same day. In case of more number of candidates, number of assessors and venue facilitation be increased and facilitated

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

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







#### **Assessment Quality Assurance framework**

#### **Assessment Framework and Design:**

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

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

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

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

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

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

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

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







### Type of Evidence and Evidence Gathering Protocol:

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

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

#### **Methods of Validation**

- Morning Check (Pre-Assessment): Backend team of AA calls and confirms assessor/technical SPOC event status. Assessor/Technical SPOC are instructed to reach the centre on time by 9:30 AM / as decided with TC and delay should be highlighted to the Training Partner in advance.
- <u>Video Calls</u>: Random video calls are made to the technical SPOC/assessor so as to keep check on assessment quality and ensure assessment is carried out in fair and transparent manner
- <u>Aadhar verification</u> of candidates
- Evening Check (Post Assessment): Calls are made to the ground team to ensure event is over by what time and the documentation is done in proper manner or not.
- <u>TP Calling</u>: To keep check on malpractice activity, independent audit team calls to TP on recorded line to take confirmation if there was any malpractice activity observed in assessment on part of AA/SSC team. If calls are not connected, email is send to TP SPOC for taking their confirmation
- <u>Video and Picture Evidence:</u> Backend team collects video and pictures for assessment on real time basis and highlights any issue like, Students sitting idle/trainer allowed for helping out candidates during assessment.
- <u>Surprise Visit</u>: Time to time SSC/AA Audit team can visit the assessment location and do surprise audit for assessment process carried out by ground team.







• <u>Geo Tagging:</u> On day of assessment, each technical SPOC is required to login in our internal app which is Geo tagged. Any deviation with centre address needs to be highlighted to assessment team on real-time basis.

#### Method for assessment documentation, archiving, and Access:

- ASCI has fully automated result generation process in association with multiple AAs
- Theory, Practical and Viva marks forms the basis of the results and encrypted files generated to avoid data manipulation. All responses captured and stored in System with Time-Stamps at the end of AAs and SSC. NOS-wise and PC-wise scores can be generated.
- Maker Checker concept: 1 person prepares results and another audit result which is internally approved by AA at first and then gets vetted at the end of SSC
- All soft copy of documents is received from the on-ground tech team over mail. The same are downloaded by our internal backend team and saved in Repository. The repository consists of scheme wise folders. These scheme wise folders have job role specific folders. These specific folders have Year wise and Month wise folders where all documents are saved in Batch specific folders. All Hard copies are filed and stored in the storeroom.

#### Result Review & Recheck Mechanism -

- Time stamped assessment logs
- Answer/Endorsement sheets for each candidate
- Attendance Sheet
- Feedback Forms: Assessor feedback form, Candidate feedback form, TP feedback form
- The results for each of the candidate shall be stored and available for review (retained for 5 years/ till conclusion of project or scheme)







## References

## **Glossary**

Term	Description
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
Key Learning	Key learning outcome is the statement of what a learner needs to know, understand and be able to do to achieve the terminal outcomes. Aset of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
Procedural Knowledge	Procedural knowledge addresses how to do something, or how to perform a
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.







## **Acronyms and Abbreviations**

Term	Description	
AGR	Agriculture	
NOS	National Occupational Standard (s)	
NSQF	National Skills Qualifications Framework	
OJT	On-the-job Training	
QP	Qualifications Pack	
PwD	People with Disability	
PPE	Personal Protective Equipment	