







Model Curriculum

QP Name: Seed Processing Worker

QP Code: AGR/Q7102

Version: 3.0

NSQF Level: 3

Model Curriculum Version: 2.0

Agriculture Skill Council of India || Agriculture Skill Council of India (ASCI), 6th Floor, GNG Tower, Plot No. 10, Sector - 44







Table of Contents

Training Parameters	3
Program Overview	5
Training Outcomes	5
Compulsory Modules	5
Module 1: Introduction to the role of a Seed Processing Worker	7
Module 2: Process of drying and cleaning the seeds	8
Module 3: Seed treatment procedure	9
Module 4: Process of labelling, weighing, packing and storing seeds	10
Module 5: Hygiene and cleanliness	11
Module 6: Safety and emergency procedures	12
Module 7: Employability Skills (30 hours)	13
Annexure	15
Trainer Requirements	15
Assessor Requirements	16
Assessment Strategy	17
References	22
Glossary	22
Acronyms and Abbreviations	23







Training Parameters

Sector	Agriculture
Sub-Sector	Agriculture Industries
Occupation	Seed Production and Processing
Country	India
NSQF Level	3
Aligned to NCO/ISCO/ISIC Code	NCO-2015/6130.0202
Minimum Educational Qualification and Experience	Minimum Educational Qualification: Grade 10 OR Grade 8 with two years of (NTC/ NAC) after 8th OR Grade 8 pass and pursuing continuous schooling in regular school with vocational subject OR 8th grade pass with 2-year relevant experience OR 5th grade pass with 5-year relevant experience OR Previous relevant Qualification of NSQF Level 2 with 1-year relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 6 months' relevant experience
Pre-Requisite License or Training	NA
Minimum Job Entry Age	16 Years
Last Reviewed On	30/12/2021
Next Review Date	30/12/2024
NSQC Approval Date	30/12/2021
QP Version	3.0
Model Curriculum Creation Date	30/12/2021
Model Curriculum Valid Up to Date	30/12/2024
Model Curriculum Version	2.0
Minimum Duration of the Course	300 Hours







Maximum Duration of the Course 300 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:

- Demonstrate the process of drying and cleaning the seeds.
- Demonstrate the process of seed treatment.
- Demonstrate the process of labelling, weighing, packing, and storing the seeds.
- Describe the process of undertaking employability and entrepreneurial practices.
- Demonstrate various practices to maintain personal hygiene, cleanliness, and safety 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
Bridge Module	05:00	00:00	0:00	0:00	05:00
Module 1: Introduction to the role of a Seed Processing Worker	05:00	00:00	0:00	0:00	05:00
AGR/N7106 Carry out drying and cleaning of seeds NOS Version- 2.0 NSQF Level- 3	25:00	30:00	0:00	0:00	55:00
Module 2: Process of drying and cleaning the seeds	25:00	30:00	0:00	0:00	55:00
AGR/N7107 Carry out seed treatment NOS Version- 2.0 NSQF Level- 3	20:00	40:00	0:00	0:00	60:00
Module 3: Seed treatment procedure	20:00	40:00	0:00	0:00	60:00
AGR/N7108 Weigh, pack, label and store the seeds NOS Version- 2.0 NSQF Level- 3	30:00	60:00	0:00	0:00	90:00
Module 4: Process of labelling, weighing, packing and storing seeds	30:00	60:00	0:00	0:00	90:00







AGR/N9903 Maintain health and safety at the workplace NOS Version- 3.0 NSQF Level-4	10:00	20:00	0:00	0:00	30:00
Module 5: Hygiene and cleanliness	03:00	03:00	0:00	0:00	6:00
Module 6: Safety and emergency procedures	07:00	17:00	0:00	0:00	24:00
DGT/VSQ/N0101 Employability Skills NOS Version-1.0 NSQF Level-4	30:00	00:00	0:00	0:00	30:00
Module 9: Employability Skills	30:00	00:00	0:00	0:00	30:00
Total Duration	120:00	150:00	0:00	0:00	270:00

OJT (Recommended): 30 hours







Module Details

Module 1: Introduction to the role of a Seed Processing Worker Bridge Module

Terminal Outcomes:

• Discuss the job role of a Seed Processing Worker.

Duration: 5:00	Duration: 0:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Describe the size and scope of the agriculture industry and its sub- sectors. 	
 Discuss the role and responsibilities of a Seed Processing Worker. 	
 Identify various employment opportunities for a Seed Processing Worker. 	
Classroom Aids	
Training Kit – Trainer's Guide, Presentations, Whi	teboard, Marker, Projector, Laptop, Video Films
Tools, Equipment and Other Requirements	
NA	







Module 2: Process of drying and cleaning the seeds Mapped to AGR/N7106 v2.0

Terminal Outcomes:

- Describe the process of examining the seeds received for processing.
- Demonstrate the process of drying seeds mechanically.
- Demonstrate the processes of pre-cleaning and cleaning seeds.
- Demonstrate various waste management practices.

Duration: 25:00	Duration: 30:00		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
List different types of seeds and their characteristics.	 Demonstrate the use of a moisture meter. 		
 List the impurities to check the seeds for when seeds lots are received for processing. 	 Demonstrate the use of the relevant Personal Protective Equipment (PPE) for operating the relevant seed 		
 Explain relevant measures to be taken to prevent the mixing of seeds from different lots. 	 Show how to dry seeds mechanically using a static grain dryer, 		
 Explain the impact of temperature and humidity on seed processing. 	recirculating grain dryer or continuous flow dryer.		
 Describe the methods of natural and mechanical drying of seeds before processing. 	 Demonstrate the process of setting up and operating the pre-cleaning machinery such as an aspirator or separator to carry out winnowing, 		
 Explain the criteria for selecting a method for drying seeds. 	scalping, de-awning.		
 State the appropriate moisture level to be achieved in seeds for further processing. 	 Demonstrate the use of fine cleaning machineries such as sieve and air- screen cleaner. 		
 Describe methods of pre-cleaning such as winnowing, scalping and de-awning. 	 Demonstrate the process of recycling and disposing different types of waste. 		
 Describe the process of fine-cleaning and grading the seeds. 			
 Explain the causes of seed deterioration and how to avoid it. 			
 Explain the importance of recycling and disposing different types of waste as per the applicable regulations. 			
01			

Classroom Aids

Training Kit – Trainer's Guide Presentation, Whiteboard, Marker, Projector, Laptop

Tools, Equipment and Other Requirements

Seed Cleaning Machine, Screener, Dryer, Air Screen Cleaner







Module 3: Seed treatment procedure Mapped to ARG/N7107 v2.0

Terminal Outcomes:

- Describe the process of preparing for seed treatment.
- Demonstrate the process of performing seed dressing, coating and pelleting.
- Demonstrate various practices for effective resource optimisation.

Duration: 20:00	Duration: 40:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Describe different types of seed treatment methods such as seed dressing, seed coating, seed pelleting, etc. 	 Demonstrate the process of installing and operating different types of machinery for different types of seed treatment.
 Explain the criteria for selecting a seed treatment method. 	 Demonstrate the safe use of different types of fungicides, insecticides and pesticides used in seed processing.
 List various resources required for treating seeds under different seed treatment methods. 	 Show how to prepare different types of solutions or slurries used in seed treatment.
 Explain the importance of carrying out uniform coating, dressing or pelleting of seeds. 	 Demonstrate various practices to optimise the usage of various
 List various pests, diseases, and insects that commonly infest seeds and the recommended pesticides, insecticides and fungicides to prevent and remove them. 	resources such as water and electricity.
 Explain the safe handling of pesticides, insecticides and fungicides. 	
 Explain the importance of using the recommended binder or adhesive while preparing a seed treatment solution or slurry. 	
 Explain the appropriate conditions for using two or more compounds for seed treatment. 	
Explain the benefits of resource optimisation.	

Classroom Aids

Training Kit – Trainer's Guide and Presentations, Whiteboard, Marker, Projector, Laptop

Tools, Equipment and Other Requirements

Gloves, Chemicals - Pesticide, Fungicide, etc.







Module 4: Process of labelling, weighing, packing and storing seeds Mapped to AGR/N7108 v2.0

Terminal Outcomes:

- Demonstrate the process of creating seed bag labels.
- Demonstrate the process of weighing and packing the seeds.
- Describe the process of preparing the storage area for storing the seed bags.

Duration: 30:00	Duration: 60:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 List different types of material suitable for packing the processed seeds. Explain the importance of using 	 Demonstrate the process of packing and weighing the seed bags to ensure correct weight as printed on the bags. Show how to label seed bags
damage-free packaging and protecting the processed seeds from moisture.	 Demonstrate the process of applying the necessary treatment in the
 Explain the importance of labelling commercial commodities as per the applicable regulations. 	storage area to remove any pest, insects and rodents. • Demonstrate the correct way of
 List the information that must be included on seed pack labels as per the applicable regulations. 	 handling and storing varieties of seed bags in the storage area. Prepare a sample record of seed bags
 Explain the importance of maintaining correct weight in seed packs. 	packed, weighed, labelled and stored.
 State the temperature and humidity required for storing varieties of seeds. 	
 Describe the process of preparing the storage area. 	
 Explain the correct way of stacking and storing seeds. 	
 Explain the correct way of handling varieties of seeds. 	
Classroom Aids	

Classroom Aids

Training Kit – Trainer's Guide and Presentations

Tools, Equipment and Other Requirements

Packaging Material, Labels, Store House, Vehicle, Shoes, Gloves, First-Aid Kit







Module 5: Hygiene and cleanliness Mapped to NOS AGR/N9903 v3.0

Terminal Outcomes:

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

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

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, Sanitiser, Soap, Mask







Module 6: Safety and emergency procedures Mapped to NOS AGR/N9903 v3.0

Terminal Outcomes:

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

Duration: 07:00	Duration: 17:00		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
 List the (Personal Protective Equipment) PPE required at the workplace. 	 Check various areas of the workplace for leakages, water-logging, pests, fire, etc. 		
 Describe the commonly reported hazards at the workplace. 	 Demonstrate how to safely use the PPE and implements as applicable to the workplace. 		
 Describe the hazards caused due to chemicals/pesticides/fumigants. 	 Display the correct way of donning, doffing and discarding PPE such as 		
Describe the basic safety checks to be done before the operation of any	face masks, hand gloves, face shields, PPE suits, etc.		
equipment/machinery.	Sanitize the tools, equipment and		
 Describe the common first aid procedures to be followed in case of emergencies. 	machinery properly.Demonstrate the safe disposal of waste.		
 State measures that can be taken to prevent accidents and damage s at the workplace. 	 Demonstrate procedures for dealing with accidents, fires and emergencies. 		
Explain the importance of reporting details of first aid administered, to	 Demonstrate emergency procedures to the given workplace requirements. 		
the reporting officer/doctor, in accordance with workplace procedures.	 Demonstrate the use of emergency equipment in accordance with manufacturers' specifications and workplace requirements. 		
 State common health and safety guidelines to be followed at the workplace. 	Demonstrate the administration of first aid.		
workplace.	 Prepare a list of relevant hotline/ emergency numbers. 		

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

Duration: 30:00

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
- 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







Annexure

Trainer Requirements

	Trainer Prerequisites					
Minimum Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks
Qualification		Years	Specialization	Years	Specialization	
Diploma	Agriculture/ Seed technology	5	Seed Production and Processing	0		
Graduate		3	Seed Production and Processing	0		For school Program minimum qualification of Trainer should be Graduate. Their Teaching experience will be considered industry experience
Graduate	Agriculture / Horticulture/ Botany/ Biotechnology/ Seed Technology	1	Seed Production and Processing	0		
Post Graduate	Agriculture/ Seed technology/ Genetics and Plant breeding/ Plant Biotechnology	0		0		

Trainer Certification			
Domain Certification	Platform Certification		
Certified for Job Role "Seed Processing Worker", mapped to QP: "AGR/Q7102, v3.0", Minimum accepted score is 80%	Recommended that the Trainer is certified for the Job Role: "Trainer (Vet and Skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0". The minimum accepted score as per MEPSC guidelines is 80%.		







Assessor Requirements

Assessor Prerequisites							
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks	
		Years	Specialization	Years	Specialization		
Graduation	B.Sc (Agriculture/ Agronomy/ Horticulture/ Plant Science and related streams)	5	Plant Science/ Agriculture/ Horticulture/ Agronomy/ Seed Technology/ Seed Testing/ Genetics & Breeding related experience and fields	0		Practical skills and knowledge required in seed processing	
Post- graduation	Agriculture/ Agronomy/ Seed Science & Technology/ Genetics & Plant Breeding/ Horticulture and related streams	2	Plant Science/ Agriculture/ Horticulture/ Agronomy/ Seed Technology/ Seed Testing/ Genetics & Breeding related experience and fields	0		Practical skills and knowledge required in seed processing	
PhD	Agriculture/ Agronomy/ Seed Science & Technology/ Genetics & Plant Breeding/ Horticulture and related streams	1	Plant Science/ Agriculture/ Horticulture/ Agronomy/ Seed Technology/ Seed Testing/ Genetics & Breeding related experience and fields	0		Practical skills and knowledge required in seed processing	

Assessor Certification					
Domain Certification	Platform Certification				
"Seed Processing Worker", "AGR/Q7102, v3.0", Minimum accepted score is 80%	Certified for the Job Role: "Assessor (Vet and Skills)", mappedto the coalification 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. <u>Multiple Choice Questions</u>: 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 the ground through qualified and ToA certified assessors.

An individual must have adequate knowledge and skills to perform a specific task, weightage for different aspects of assessment is 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 the 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 the assessment location.

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

- Multilingual assessments (ASCI is conducting the 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 the cloud
- Advanced auto-proctoring features photographs, time-stamp, geographic-tagging, toggle- screen/copy-paste disabled, etc.
- Android-based monitoring system
- End to end process from allocation of a batch to final result upload, there is no manual intervention







- Assessment will normally be fixed for a day after the end date of the training / within
 7 days of completion of training.
- Assessment will be conducted at the training venue
- The 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 practice 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 questions, etc. which will test the trainee on his theoretical knowledge of the subject.
- The theory, practical and viva assessments will be carried out on the same day. In case
 of more number of candidates, the 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 the usability of job roles/advantages /importance of adherence to procedures. Viva will be used to gauge trainee's confidence and correct knowledge in handling the 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 offers a bouquet of tools for multi-dimensional evaluation of candidates covering language, cognitive skills, behavioural traits and domain knowledge.

Theoretical Knowledge - Item constructs and types are determined by a 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 that 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 a 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, dos and don'ts, subjective questions to check the understanding of practical tasks.

The assessor has to go through an orientation program organized by the Assessment Agency. The training would give an overview to the assessors on the overall framework of QP evaluation. The assessor shall be given a NOS and PC level overview of each QP as applicable. The 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 that will maintain standardization of the marking scheme.

Type of Evidence and Evidence Gathering Protocol:

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

- Geo Tagging to track ongoing assessment
- AA's coordinator emails the list of documents and evidence (photos and videos) to the assessor one day before the assessment. The list is mentioned below:
 - Signed Attendance sheet
 - Assessor feedback sheet
 - Candidate feedback sheet







- Assessment checklist for assessor
- Candidate Aadhar/ID card verification
- Pictures of the 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, a Technical assistant is popularly known as Proctor also ensures
 the proper documentation and they verify each other's tasks.
- To validate their work on the day of the assessment, regular calls and video calls are done.
- On-boarding and training of assessor and proctor is done on a timely basis to ensure that the quality of the assessment should be maintained.
- Training covers the understanding of QP, NSQF level, NOS and assessment structure

Methods of Validation

- <u>Morning Check (Pre-Assessment)</u>: 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 a check on assessment quality and ensure assessment is carried out in a fair and transparent manner
- Aadhar verification of candidates
- <u>Evening Check (Post Assessment)</u>: Calls are made to the ground team to ensure the event is over by what time and the documentation is done properly or not.
- <u>TP Calling</u>: To keep a check on malpractices, an independent audit team calls the TP on a
 recorded line to take confirmation if there was any malpractice activity observed in the
 assessment on part of the AA/SSC team. If calls are not connected, an email is sent to TP
 SPOC for taking their confirmation
- <u>Video and Picture Evidence:</u> Backend team collects video and pictures for assessment on a real-time basis and highlights any issue such as students sitting idle/ trainer helping the candidates during the assessment.
- <u>Surprise Visit:</u> Time to time SSC/AA Audit team can visit the assessment location and conduct a surprise audit for the assessment carried out by the ground team.
- Geo Tagging: On the day of the assessment, each technical SPOC is required to login into our internal app which is Geotagged. Any deviation with the centre address needs to be highlighted to the assessment team on a real-time basis.

Method for assessment documentation, archiving, and Access:

- ASCI have a fully automated result generation process in association with multiple AAs
- Theory, Practical and Viva marks form the basis of the results and encrypted files generated to avoid data manipulation. All responses were captured and stored in the System with Time-Stamps at the end of AAs and SSC. NOS-wise and PC-wise scores can







be generated.

- Maker Checker concept: One person prepares the results and another audit result which
 is internally approved by AA at first and then gets vetted at the end of SSC
- All softcopies of documents are received from the on-ground tech team over email. The
 same is downloaded by our internal backend team and saved in Repository. The
 repository consists of scheme-wise folders. These scheme-wise folders have to job rolespecific 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 the conclusion of the project or scheme)







References

Glossary

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set 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 task. It is the ability to work, or produce a tangible work output by applying cognitive, affective or psychomotor skills.
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	