



# Model Curriculum

**QP Name: Assistant Machine Operator - Injection Moulding Plastic**

**QP Code: RSC/Q8010**

**QP Version: 1.0**

**NSQF Level: 3**

**Model Curriculum Version: 1.0**

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# Training Parameters

<b>Sector</b>	Rubber, Chemical and Petrochemical
<b>Sub-Sector</b>	Plastic Manufacturing
<b>Occupation</b>	Production/Manufacturing Plastic Processing
<b>Country</b>	India
<b>NSQF Level</b>	3
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/8142.0501
<b>Minimum Educational Qualification and Experience</b>	Grade 8 with one year of NTC/NAC after 8th OR 8th grade pass with 1 year relevant experience OR 5th Grade pass with 4 year relevant experience
<b>Pre-Requisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	18 years
<b>Last Reviewed On</b>	17/11/2022
<b>Next Review Date</b>	25/08/2025
<b>NSQC Approval Date</b>	25/08/2022
<b>QP Version</b>	1.0
<b>Model Curriculum Creation Date</b>	17/11/2022
<b>Model Curriculum Valid Up to Date</b>	25/08/2025
<b>Model Curriculum Version</b>	1.0
<b>Minimum Duration of the Course</b>	420 Hours
<b>Maximum Duration of the Course</b>	420 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.

- Discuss effective ways to assist Machine Operator in preparing and performing injection moulding operations
- Employ suitable practices to communicate effectively with colleagues, and superiors to achieve a smooth workflow
- Describe the housekeeping activities related to the job role
- Describe the health, hygiene, safety, and quality standards to be applicable as per the standards
- Apply proper practices to follow ethical and sustainable practices at the workplace
- Develop employability skills

### Compulsory Modules

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

NOS and Module Details	Theory Duration (hh:mm)	Practical Duration (hh:mm)	On-the-Job Training Duration (Mandatory) (hh:mm)	On-the-Job Training Duration (Recommended) (hh:mm)	Total Duration (hh:mm)
<b>RSC/N8020: Assist in Performing Injection Moulding Operations</b> <b>NOS Version No. - 1.0</b> <b>NSQF Level - 3</b>	80:00	130:00	--	--	210:00
Module-1. Introduction to Plastic Industry and Role of Assistant Machine Operator - Injection Moulding Plastic	08:00	--	--	--	08:00
Module-2. Assist in Performing Injection Moulding Operations	72:00	130:00	--	--	202:00
<b>RSC/N5610-Coordinate and Communicate Effectively at the Workplace</b> <b>NOS Version No.- 1.0</b> <b>NSQF Level - 4</b>	10:00	20:00	--	--	30:00
Module-3. Communicate Effectively and Efficiently	10:00	20:00	--	--	30:00
<b>RSC/N5001 – Carry out housekeeping</b> <b>NOS Version No. - 3.0</b> <b>NSQF Level – 4</b>	10:00	20:00	--	--	30:00
Module-4. Housekeeping	10:00	20:00	--	--	30:00

<b>RSC/N5007 – Carry out health and safety</b> <b>NOS Version No. - 3.0</b> <b>NSQF Level – 4</b>	<b>10:00</b>	<b>20:00</b>	<b>--</b>	<b>--</b>	<b>30:00</b>
Module-5. Maintaining health and safety at workplace	10:00	20:00	--	--	30:00
<b>RSC/N5603 – Follow Ethical and Sustainable Practices at Workplace</b> <b>NOS Version No. - 1.0</b> <b>NSQF Level - 4</b>	<b>10:00</b>	<b>20:00</b>	<b>--</b>	<b>--</b>	<b>30:00</b>
Module-6. Ethical and Sustainable Practices at Workplace	10:00	20:00	--	--	30:00
<b>DGT/VSQ/N0101</b>	<b>12:00</b>	<b>18:00</b>	<b>--</b>	<b>--</b>	<b>30:00</b>
Module-7. Employability Skills	12:00	18:00	--	--	30:00
<b>OJT</b>	<b>--</b>	<b>--</b>	<b>60:00</b>	<b>--</b>	<b>60:00</b>
<b>Total Duration</b>	<b>132:00</b>	<b>228:00</b>	<b>60:00</b>	<b>--</b>	<b>420:00</b>

# Module Details

## Module 1: Introduction to Plastic Industry and Role of Assistant Machine Operator - Injection Moulding Plastic

*Mapped to RSC/N8020 v 1.0*

### Terminal Outcomes:

- Outline the overview of Skill India Mission
- Describe the scope of the Plastic Industry
- Define the roles and responsibilities of an Assistant Machine Operator - Injection Moulding Plastic

<b>Duration: 08:00</b>	<b>Duration: 00:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Discuss the objectives and benefits of the Skill India Mission</li> <li>• Describe the scope of the Plastic Industry and its sub-sectors</li> <li>• Discuss job role and opportunities for Assistant Machine Operator - Injection Moulding Plastic</li> <li>• Elaborate the basic terminology used in the Plastic Manufacturing sector</li> </ul>	<ul style="list-style-type: none"> <li>• NA</li> </ul>
<b>Classroom Aids:</b>	
Whiteboard, Flip Chart, Markers, Duster, Projector, Laptop with charger, Projector screen, Power Point Presentation, 2.1 Laptop External Speakers.	
<b>Tools, Equipment and Other Requirements</b>	
NA	

## Module 2: Assist in Performing Injection Moulding Operations

Mapped to RSC/N8020 v 1.0

### Terminal Outcomes:

- Explain the standard procedure to obtain required consumables, plastics materials and mould for Injection Moulding Operations
- Demonstrate how to assist Machine Operator in performing Injection Moulding Operations
- Create sample logs and records required in Injection Moulding Operations as per standards.

<b>Duration: 72:00</b>	<b>Duration: 130:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• List various types of injection machines and moulds and plastic material used in injection moulding process along with additives to be mixed with plastics granules</li> <li>• Discuss principles of operation of injection moulding equipment and various stages with corresponding quality standards involved in the injection moulding operation</li> <li>• Explain the methods of identifying requirements from the production schedule</li> <li>• Describe the standard procedure to clean the apparatus, moulds, auxiliary tools, machinery and work area</li> <li>• Describe the methods of adjusting machine controls, regulate moulding temperature, volume of plastic, moulding pressure and time as per instructions and moulding procedures</li> <li>• State the significance of arranging the coolant and working of valves to circulate the coolant to cool and solidify the plastic</li> <li>• Describe the methods of verifying the product weight as per specification and required quality standard</li> <li>• Outline the significance of following the check-list to check the quality of final product</li> <li>• Discuss various types of records to be maintained and applicable formats used for the same</li> </ul>	<ul style="list-style-type: none"> <li>• Apply appropriate process to procure required consumables and plastics materials for the injection moulding process as per instructions and obtain mould from tool room</li> <li>• Employ proper methods to assist Machine Operator in determining setups, temperatures, and time settings required to mould, form, or cast plastic materials, as well as to plan production sequences</li> <li>• Demonstrate how to perform pre-operational checks on the injection-moulding equipment including checking for the hazards as per standards</li> <li>• Role play on how to assist the Machine Operator in the safely mounting and demounting the mould on the machine and optimize movement of mould platens</li> <li>• Perform steps to preheat the plastic granules/powder and mix plastics granules with additives before feeding into the hopper</li> <li>• Demonstrate how to fabricate large and small parts as per drawing and assemble parts</li> <li>• Apply proper inspection techniques to check that the process is operating as per equipment specification in relation to temperature, cycle time, clamp pressure and mould temperature control</li> <li>• Employ proper procedure to assist the machine operator in troubleshooting machine faults</li> <li>• Create sample logs and records required in Injection Moulding Operations as per standards</li> </ul>
<b>Classroom Aids:</b>	
Training kit (Trainer guide, Presentations), White board, Marker, Projector screen, Laptop with charger, Participant Handbook and Related Standard Operating Procedures, 2.1 Laptop External Speakers	
<b>Tools, Equipment and Other Requirements</b>	

Required Injection Moulding Machine, hopper, consumables, plastics materials, mould, additives,  
Sample various formats of logs and records used in Injection Moulding Operations

## Module 3: Communicate Effectively and Efficiently

Mapped to RSC/N5610, v 1.0

### Terminal Outcomes:

- Elaborate the professional protocols and etiquette of effective communication at the workplace
- Discuss the standard policies on behavioural etiquette, professionalism and gender sensitive service practices at workplace

<b>Duration: 10:00</b>	<b>Duration: 20:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the standard policies on behavioural etiquette, professionalism and gender sensitive service practices at workplace and standard hierarchy and reporting structure</li> <li>• Discuss effective ways of team coordination</li> <li>• List the key helpline numbers</li> <li>• State the significance of listening, responding, trusting, supporting and respecting all colleagues and seniors</li> <li>• Outline the importance of maintaining clarity, honesty and transparency while communicating with the seniors and colleagues as well as seeking clarification on the information provided by seniors</li> <li>• Discuss the importance of complying with standard policies and procedures for team work and respecting the personal and professional space of colleagues and superiors</li> </ul>	<ul style="list-style-type: none"> <li>• Role play on how interact with colleagues and seniors in a polite and professional manner, listen actively to the issues or requirements of colleagues and respond timely and appropriately</li> <li>• Dramatize how to pass on essential information to the colleagues timely and coordinate with seniors on work-related and behavioural feedback</li> <li>• Role play on how to report the status of work in the desired format as per the schedule to seniors and inform about any deviations or anomalies</li> <li>• Dramatize on how to coordinate and support maintenance/engineering team and environmental health and safety (EHS) team and other department for smooth work process</li> <li>• Role play on how to provide inputs to the concerned stakeholders for reviewing and detect non-compliance</li> </ul>
<b>Classroom Aids:</b>	
Training kit (Trainer guide, Presentations), White board, Marker, Projector, Laptop, Presentation, Participant Handbook and Related Standard Operating Procedures	
<b>Tools, Equipment and Other Requirements</b>	
Sample of escalation matrix, Organisation structure	

## Module 4: Housekeeping

Mapped to RSC/N5001, v3.0

### Terminal Outcomes:

- Explain the different aspects of housekeeping for work area.
- Describe the housekeeping activities to be done to clean the work area.
- List the benefits of implementing '5S' in work area.

<b>Duration: 10:00</b>	<b>Duration: 20:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Describe what is housekeeping.</li> <li>• Explain the importance of housekeeping in storage area.</li> <li>• List the cleaning equipment and chemicals used for cleaning process.</li> <li>• Identify various safety boards/ signs placed on the shop floor.</li> <li>• Discuss the importance of adequate ventilation during cleaning work.</li> <li>• Discuss the importance of monitoring and supervising the cleaning activities.</li> <li>• Describe what is '5S.'</li> <li>• Define each 'S' and its meaning.</li> <li>• Discuss the necessary precautions to avoid any hazard and accident during cleaning activities.</li> <li>• Discuss the documents and records needed to be maintained and updated related to cleaning activities done.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate how to inspect the area for cleaning purpose.</li> <li>• Apply appropriate ways to check the working condition of cleaning equipment.</li> <li>• Demonstrate the cleaning process of creel room area and equipment with the specified cleaning aid and chemicals.</li> <li>• Prepare a sample report related to issues occur during cleaning activities and for requirement of any additional cleaning at work area.</li> <li>• Apply appropriate ways to check that work area is cleaned properly after completion of cleaning activities.</li> <li>• Show how to return back the cleaning equipment and material to store after completion of work.</li> <li>• Show how to dispose the waste material properly as per the organisation's policies and environmental regulations.</li> </ul>
<b>Classroom Aids:</b>	
White board and marker or blackboard and chalk, duster, laptop or desktop computer and projector, flipcharts, participant handbook	
<b>Tools, Equipment and Other Requirements</b>	
Cleaning rags, cleaning brush, broom, mop, cleaning chemicals, floor cleaning machine, personal protective equipment (PPE) - safety gloves, safety goggles, safety shoes, mask	

## Module 5: Maintain Health and Safety

*Mapped to NOS RSC/N5007, v3.0*

### Terminal Outcomes:

- List the potential hazards in a storage area of rubber industry.
- Outline the safety plan during emergency while working in storage area.

<b>Duration: 10:00</b>	<b>Duration: 20:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the health and safety requirements in storage facility.</li> <li>• Discuss organisational procedures for health, safety and security and individual role and responsibilities related to the same.</li> <li>• Describe the ill-effects of improper storage conditions in storage area.</li> <li>• List the safety arrangement available in storage area.</li> <li>• Outline the requirements of Personal Protective Equipment (PPE) during storage operations.</li> <li>• State details of common injuries which can occur while working in a storage area.</li> <li>• Recall the constituents of a first aid box used in industry.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate the use of the given Personal Protective Equipment (PPE).</li> <li>• Demonstrate how to handle fire emergencies through a role play.</li> <li>• Demonstrate how to use a multi-purpose fire extinguisher on simulated fire.</li> <li>• Select the fire extinguisher from the given fire extinguishers, for the specified fire type and class.</li> <li>• Demonstrate first aid procedure for a given injury.</li> </ul>
<p>White board and marker or blackboard and chalk, duster, laptop or desktop computer and projector, flipcharts, participant handbook</p>	
<b>Tools, Equipment and Other Requirements</b>	
<p>Sample of PPEs – safety helmet, safety goggle, safety shoes, safety gloves, mask, earmuff, first aid box, fire extinguisher, eye-wash station.</p>	

## Module 6: Ethical and Sustainable Practices at Workplace

Mapped to NOS RSC/N5603, v1.0

### Terminal Outcomes:

- Apply material and energy conservation practices at the workplace.
- Apply sensitivity while interacting with different genders and people with disabilities.

<b>Duration: 10:00</b>	<b>Duration: 20:00</b>
<p><b>Theory – Key Learning Outcomes</b></p> <ul style="list-style-type: none"> <li>• Discuss organisational policies for usage of alternate energy source, such as solar energy, for the site.</li> <li>• Discuss the importance of efficient utilisation of fuels, material, water and energy/ electricity.</li> <li>• Explain the processes to optimize usage of fuels, material, water and energy/ electricity.</li> <li>• Enlist common practices for conserving electricity at workplace.</li> <li>• Discuss the significance of greening.</li> <li>• Classify different categories of waste for the purpose of segregation.</li> <li>• Differentiate between hazardous, recyclable and non-recyclable waste.</li> <li>• Discuss various methods of waste collection and disposal.</li> <li>• Discuss the importance of completing tasks on time.</li> <li>• Discuss the ways to adjust the communication styles to reflect sensitivity towards gender and persons with disability (PwD).</li> <li>• Discuss gender-based concepts, issues and legislation as well organization standards, guidelines, rights and duties of PwD.</li> <li>• Discuss the importance of PwD and gender sensitization.</li> <li>• State the importance of following organizational standards and guidelines related to PwD.</li> </ul>	<p><b>Practical – Key Learning Outcomes</b></p> <ul style="list-style-type: none"> <li>• Employ practices for efficient utilization of fuels, material, water and energy/ electricity.</li> <li>• Apply appropriate ways to prevent soil erosion during plantation and other related activities.</li> <li>• Demonstrate proper waste collection and disposal mechanism depending upon types of waste.</li> <li>• Apply appropriate ways to organise storage of recyclable and reusable material at identified location.</li> <li>• Employ different means and methods of communication depending upon the requirement to interact with the team members.</li> <li>• Demonstrate how to communicate with different genders and persons with disability (PwD) in a sensitive manner.</li> <li>• Role play a situation on how to offer help to people with disability (PwD) if required at work.</li> </ul>
<p><b>Classroom Aids:</b></p> <p>White board and marker or blackboard and chalk, duster, laptop or desktop computer and projector, flipcharts, participant handbook</p>	
<p><b>Tools, Equipment and Other Requirements</b></p> <p>Defective raw material, defective components, personal protective equipment (PPE) - safety gloves, safety goggles, safety shoes, mask.</p>	

## Module 7: Employability Skills (30 hours)

### Model Curriculum

#### Module Summary:

S. No	Module Name	Duration (hours)	Assessment Marks
1.	Introduction to Employability Skills	1	2
2.	Constitutional values - Citizenship	1	2
3.	Becoming a Professional in the 21st Century	1	4
4.	Basic English Skills	2	5
5.	Communication Skills	4	2
6.	Diversity & Inclusion	1	2
7.	Financial and Legal Literacy	4	7
8.	Essential Digital Skills	3	10
9.	Entrepreneurship	7	8
10.	Customer Service	4	4
11.	Getting Ready for Apprenticeship & Jobs	2	4
	<b>Total</b>	<b>30</b>	<b>50</b>

#### Key Learning Outcomes

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

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 Hours**

2. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required 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 Hours**

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

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

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: 8 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

### Assessment Strategy

The trainee will be tested for the acquired skill, knowledge and attitude through formative/summative assessment at the end of the course and as this NOS and MC is adopted across sectors and qualifications, the respective AB can conduct the assessments as per their requirements.

LIST OF TOOLS & EQUIPMENT FOR EMPLOYABILITY SKILLS		
S No.	Name of the Equipment	Quantity
1.	Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed) (all software should either be latest version or one/two version below)	As required
2.	UPS	As required
3.	Scanner cum Printer	As required
4.	Computer Tables	As required
5.	Computer Chairs	As required
6.	LCD Projector	As required
7.	White Board 1200mm x 900mm	As required

*Note: Above Tools & Equipment not required, if Computer LAB is available in the institute.*



# Annexure

## Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
ITI	Any Stream in Engineering	3	The trainer should have relevant experience in domain and knowledge about equipment and machinery which is used for the job role. Experience /Exposure required in the relevant sector and on the particular Job-role for which he/she is conducting an assessment.	NA	-	

Trainer Certification	
Domain Certification	Platform Certification
Certified for a Job Role “Assistant Machine Operator- Injection Moulding Plastic” mapped to Qualification Pack: “RSC/Q8010, v1.0” with minimum accepted score of 80%	Recommended that the Trainer is certified for the Job Role “Trainer (VET and Skills)”, mapped to the Qualification Pack: “MEP/Q2601, v3.0” with minimum score of 80%.

## Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Diploma	Any Stream in Engineering	5	The assessor should have relevant experience in domain and knowledge about equipment and machinery which is used for the job role. Experience /Exposure required in the relevant sector and on the particular Job-role for which he/she is conducting an assessment.	NA	-	It is recommended to consider relevant industry personnel for assessor as the technical knowledge about the job role is mandatory and therefore, in such case we allow assessors without assessment experience

Assessor Certification	
Domain Certification	Platform Certification
Job Role “Assistant Machine Operator- Injection Moulding Plastic” mapped to the Qualification Pack RSC/Q8010, v1.0 with minimum accepted score of 80%.	Recommended that the Assessor is certified for the Job Role “Assessor (VET and SKILLS)”, mapped to the Qualification Pack: “ MEP/Q2701, v3.0” with minimum score of 80%

## Assessment Strategy

### Assessment system Overview

Assessment will be carried out by RSDC affiliated assessment partners. Based on the results of assessment, RSDC certifies the learners. Candidates must pass online theoretical assessment which is approved by RSDC.

The assessment will have both theory and practical components in 40:60 ratio.

While theory assessment is summative and an online written exam; practical will involve demonstrations of applications and presentations of procedures and other components. Practical assessment will also be summative in nature.

### Testing Environment

Training partner must share the batch start date and end date, number of trainees and the job role.

Assessment is fixed for a day after the end date of training. It could be next day or later. Assessment will be conducted at the training venue.

Question bank of theory and practical will be prepared by assessment agency and approved by RSDC. From this set of questions, assessment agency will prepare the question paper. Theory testing will include multiple choice questions, pictorial question, etc. which will test the trainee on theoretical knowledge of the subject.

The theory and practical assessments will be carried out on same day. If number of candidates are many, more assessors and venue will be organized on same day of the assessment.

<b>Assessment</b>			
<b>Assessment Type</b>	<b>Formative or Summative</b>	<b>Strategies</b>	<b>Examples</b>
Theory	Summative	Written Examination	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	Presentation
Viva	Summative	Questioning and Probing	Mock interview on topics

### Assessment Quality Assurance framework

Only certified assessor can be assigned for conducting assessment. Provision of 100 % video recording with clear audio to be maintained and the same is to be submitted to RSDC.

The training partner will intimate the time of arrival of the assessor and time of leaving the venue.

## Methods of Validation

Unless the trainee is registered, the person cannot undergo assessment. To further ensure that the person registered is the person appearing for assessment, id verification will be carried out. Aadhar card number is required of registering the candidate for training. This will form the basis of further verification during the assessment. Assessor conducts the assessment in accordance with the assessment guidelines and question bank as per the job role. The assessor carries tablet with the loaded questions. This tablet is geotagged and so it is monitored to check their arrival and completion of assessment. Video of the practical session is prepared and submitted to RSDC. Random spot checks/audit is conducted by RSDC assigned persons to check the quality of assessment. Assessment agency will be responsible to put details in SIP.

RSDC will also validate the data and result received from the assessment agency.

## Method of assessment documentation and access

The assessment agency will upload the result of assessment in the portal. The data will not be accessible for change by the assessment agency after the upload. The assessment data will be validated by RSDC assessment team. After upload, only RSDC can access this data. RSDC approves the results within a week and uploads on SIP.

## References

## Glossary

Term	Description
<b>Declarative Knowledge</b>	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.
<b>Key Learning Outcome</b>	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).
<b>OJT (M)</b>	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
<b>OJT (R)</b>	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
<b>Procedural Knowledge</b>	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.
<b>Training Outcome</b>	Training outcome is a statement of what a learner will know, understand and be able to do <b>upon the completion of the training</b> .
<b>Terminal Outcome</b>	Terminal outcome is a statement of what a learner will know, understand and be able to do <b>upon the completion of a module</b> . A set of terminal outcomes help to achieve the training outcome.

## Acronyms and Abbreviations

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
SOP	Standard Operating Procedure
AQL	Acceptable Quality Level
ITI	Industrial Training Institute
B. Tech	Bachelor of Technology
B. Sc.	Bachelor of Science
OJT	On the Job Training
PPE	Personal Protective Equipment