

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body

Rubber, Chemical & Petrochemical Skill Development Council (RCPSDC) 304,
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Name and contact details of individual dealing with the submission

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List of documents submitted in support of the Qualifications File

1. Annexure 1 - Occupational Map of the Sector
2. Annexure 2 - Qualification Pack (Assistant Machine Operator - Injection Moulding Plastic)
3. Annexure 3 - Model Curriculum
4. Annexure 4 - About the Sector Study
5. Annexure 5 - Labour Market Clarity Report
6. Annexure 6 - Industry Validation
7. Annexure 7 - Industry Validation Summary
8. Annexure 8 – RCPSDC Affiliation and Accreditation Strategy

Model Curriculum including:

- Indicative list of tools/equipment to conduct the training
- Trainers qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

SUMMARY

Qualification Title:	Assistant Machine Operator - Injection Moulding Plastic
Qualification Code, if any	RSC/Q8010
NCO code and occupation	NCO-2015/8142.0501
Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	The main purpose of the qualification and the target learners is to get unemployed people into work and to upgrade the skills of people already in work. It is a short-term course.
Body/bodies which will award the qualification	Rubber, Chemical & Petro Chemical Skills Development Council
Body which will accredit providers to offer courses leading to the qualification	Rubber, Chemical & Petro Chemical Skills Development Council
Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy)	Yes Refer 1. RCPSDC Affiliation Application Form for Training Partners 2. RCPSDC Protocols for Affiliating Assessment Agencies
Occupation(s) to which the qualification gives access	Production/Manufacturing Plastic Processing
Job description of the occupation	The individual at work is responsible for assisting Machine Operator in performing injection moulding operations to produce good quality products from thermoplastic plastics materials.
Licensing requirements	NA
Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	NA
Level of the qualification in the NSQF	Level 3
Anticipated volume of training/learning required to complete the qualification	420 Hours

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

<p>Indicative list of training tools required to deliver this qualification</p>	<p>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, Required Injection Moulding Machine, hopper, consumables, plastics materials, mould, additives, Sample various formats of logs and records used in Injection Moulding Operations, Sample of escalation matrix, Organisation structure, Cleaning rags, cleaning brush, broom, mop, cleaning chemicals, floor cleaning machine, personal protective equipment (PPE) - safety gloves, safety goggles, safety shoes, mask, earmuff, first aid box, fire extinguisher, eye-wash station, Defective raw material, defective components.</p>
<p>Entry requirements and/or recommendations and minimum age</p>	<p>Entry Requirement: 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 Minimum Age: 18 Years</p>
<p>Progression from the qualification (Please show Professional and academic progression)</p>	<p>Machine Operator - Injection Moulding Plastic --Supervisor - Injection Moulding -- Shift incharge Production Incharge -- Production Manager</p>
<p>Arrangements for the Recognition of Prior learning (RPL)</p>	<p>Assessments under RPL are carried out as per the normal assessment process followed by RCPSDC.</p>
<p>International comparability where known (research evidence to be provided)</p>	<p>To be established</p>

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

Date of planned review of the qualification		25/08/2025
Formal structure of the qualification		
Title of component and identification code/NOSs/Learning outcomes	Estimated size (learning hours)	Level
RSC/N8020: Assist in performing injection moulding operations	217.5	3
RSC/N5610: Coordinate and communicate effectively at the workplace	60	4
RSC/N5001: Carry out housekeeping	52.5	4
RSC/N5007: Carry out health and safety	30	4
RSC/N5603: Follow ethical and sustainable practices at the workplace	30	4
NG-Lx-ES-00001-2022-v1-DGT: Employability skill	30	2
Sub Total (A)	420 Hours	

Please attach any document giving further detail about the structure of the qualification – e.g. a Curriculum Document or a Qualification Pack.

Refer

Annexure 2: Qualification Pack for Assistant Machine Operator - Injection Moulding Plastic

Annexure 3: Model Curriculum

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

SECTION 1
ASSESSMENT

Body/Bodies which will carry out assessment:

If there will be more than one assessment body for this qualification, give details.

- Mercer-Mettl
- Trendsetters
- IRIS Corporate Solution Pvt. Ltd
- E&E Skills
- MSAG
- Eduvantage Pvt. Ltd.
- SP Institute of Workforce Development Pvt Ltd (SPIWD)

How will RPL assessment be managed and who will carry it out?

RPL will be based on the same Qualification Pack and Assessment Criteria mentioned in the QP.

Give details of how RPL assessment for the qualification will be carried out and quality assure

The process of RPL assessment is same as that of followed for fresh trainings.

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF.

For different Jobs Roles the assessment of candidates will be at NOS level.

Assessment criterion has been defined for each NOS and it includes both theoretical and practical skills on which the candidate will be assessed. The question suite which will be used to check the skills of the trainee would include

- **Theoretical test suite**– Will include multiple choice questions, audio-video question etc. which will test the trainee on his knowledge of the subject
- **Practical knowledge suite**– Practical knowledge is tested through assessor driven evaluation, Situational Judgment Tests and Simulations. A mix of the three is used to evaluate the trainee on his practical knowledge of the QP

To ensure the quality of the assessment, each trainee gets a unique set of questions. A trainee has to score set minimum marks separately for across theoretical and practical skills with an overall percentage of 70% or higher. Assessments are preferably conducted on tablets or papers in regional languages according to the requirement. Questions are uploaded in the tablets only on the day of assessment. To ensure fair means and ways being followed during the assessment, presence of the concerned training partner is mandatory.

To ensure quality of assessments further, it is ensured that only Subject Matter Experts (SMEs) are being empanelled. For sourcing the assessors, Assessment Agency will reach out to the Industry experts, Academicians, Members of industry bodies and others to volunteer for the role of an assessor.

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

The assessment partners are encouraged to hire assessors with integrity, reliability and fairness and enter into an agreement confirming confidentiality, no conflict of interest or any other position, which may compromise the quality of assessment. The assessors need to have adequate hands-on experience in the domain, preferably at a level above the position for which they conduct the assessment. Assessors are trained on the assessment process, and the question sets. At the time of the assessment, the assessors check the identity of the candidates with a photo identification card and attendance during the training.

SSC and Assessment agency review the performance and competence of assessors, on a periodic basis, in order to identify and streamlines any gaps in the process.

Please attach any documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

Please follow the link to find the assessment protocol:

http://rsdcindia.in/ssc/training_assessments/training-partners/accreditation/#page-content

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

ASSESSMENT EVIDENCE

Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.

NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – i.e. learning Outcomes to be assessed, assessment criteria and the means of assessment

Compulsory NOS		Marks Allocation			
Total Marks: 600					
Assessment outcomes	Assessment Criteria for outcomes	Total Marks	Theory	Practical	Viva
RSC/N8020: Assist in performing injection moulding operations	PC1. identify requirements from the production schedule provided by the Machine Operator	100	2	3	0
	PC2. procure required consumables and plastics materials for the injection moulding process as per instructions		2	4	0
	PC3. obtain mould from tool room, if required		2	4	0
	PC4. clean the mould, auxiliary tools, machinery and work area as per standards		2	4	0
	PC5. perform pre-operational checks on the equipment including checking for the hazards as per standards		2	3	0
	PC6. 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		3	3	0
	PC7. adjust machine controls, regulate moulding temperature, volume of plastic, moulding pressure, and time as per instructions and moulding procedures		2	3	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

	PC8. arrange coolant and working of valves to circulate the coolant to cool and solidify plastic		2	3	0
	PC9. assist in safely mounting and demounting the mould on the machine and optimize movement of mould platens		3	3	0
	PC10. preheat the plastic granules/powder as required		2	4	0
	PC11. mix plastics granules with additives (if any) before feeding into the hopper		2	4	0
	PC12. fabricate large and small parts as per drawing and assemble parts as required		2	4	0
	PC13. check if process is operating as per equipment specification in relation to temperature, cycle time, clamping pressure and mould temperature control		3	3	0
	PC14. verify product weight as per specification and required quality standard		3	4	0
	PC15. follow check-list to check quality of final product		3	4	0
	PC16. assist the machine operator in troubleshooting machine faults, if any		3	3	0
	PC17. prepare logs and records as per organizational standards		2	4	0
	NOS Total	100	40	60	0
RSC/N5610: Coordinate and	PC1. interact with colleagues and senior in a polite and professional manner	100	2	4	0
	PC2. listen actively to the issues or requirements of colleagues and respond timely		2	4	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

communicate effectively at the workplace	PC3. exhibit trust, support and respect to all colleagues and seniors		2	4	0	
	PC4. pass on essential information to the colleagues timely		2	4	0	
	PC5. maintain clarity, honesty and transparency while communicating with the seniors and colleagues		2	4	0	
	PC6. coordinate with seniors on work-related and behavioral feedback		3	4	0	
	PC7. comply with organization's policies and procedures for team work		3	4	0	
	PC8. seek clarification on the information provided by seniors, if needed		3	4	0	
	PC9. respect the personal and professional space of colleagues and superiors		3	4	0	
	PC10. report status of work as per the schedule to seniors and inform about any deviations or anomalies		3	4	0	
	PC11. provide information in the desired format and frequency		3	4	0	
	PC12. support colleagues of other departments for smooth work process, as required		3	4	0	
	PC13. coordinate with maintenance /engineering team for preventive and corrective maintenance, break down and calibration errors		3	4	0	
	PC14. provide inputs to the concerned stakeholders in periodic fence line review to detect non-compliance		3	4	0	
	PC15. coordinate with health and safety team for incident or authorized personnel, accident and emergency, if any		3	4	0	
	NOS Total		100	40	60	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

RSC/N5001: Carry out housekeeping	PC1. inspect the area/s to identify the different types of surfaces that require cleaning	100	2	4	0
	PC2. determine the material requirements for cleaning the areas inspected considering risk, time, efficiency and type of stain		4	4	0
	PC3. ensure that cleaning equipment is in proper working condition		2	4	0
	PC4. ensure that the suitable alternatives are selected for cleaning the areas, in case the appropriate equipment and materials are not available		3	4	0
	PC5. ensure that the correct sequence/steps are followed for cleaning the area to avoid re-soiling clean areas and surfaces		4	5	0
	PC6. ensure the usage of appropriate signage to inform about the cleaning activity being carried out		2	3	0
	PC7. ensure adequate ventilation for the work being carried out		2	3	0
	PC8. wear personal protective equipment suitable for the cleaning method and cleaning materials being used		3	4	0
	PC9. ensure that the cleaning activity is carried out as per SOP		3	4	0
	PC10. manage accidental damage, as per the workplace procedure, caused while carrying out the work		2	3	0
	PC11. report to the appropriate person regarding difficulties in carrying out the work		2	3	0
	PC12. identify and report to the appropriate person if any additional cleaning required that is outside one's responsibility or skill		2	3	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

	PC13. ensure that housekeeping equipment and supplies are stored and maintained as per company standards		2	3	0
	PC14. ensure that, on completion of the work, the area is left clean and dry as per the requirements		2	4	0
	PC15. ensure that the equipment, materials and personal protective equipment that were used, are returned to their respective places in appropriate manner		2	4	0
	PC16. ensure appropriate disposal of the waste garnered from the cleaning activity		1	3	0
	PC17. ensure that all necessary supplies or consumables are replenished as per the requirement		2	2	0
	NOS Total	100	40	60	0
RSC/N5007: Carry out health and safety	PC1. perform basic safety checks before operation of all machinery and equipment		1	4	0
	PC2. report hazards identified during safety checks to the appropriate supervisor		1	4	0
	PC3. use appropriate protective clothing/equipment/safety gear to carry out the related duties in accordance with the workplace policy		1	3	0
	PC4. assess the risk prior to performing the jobs which involve manual handling		1	4	0
	PC5. carry out work according to the recommended safe practices while ensuring minimum environmental damage		1	4	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

PC6. return the equipment and materials to the designated storage after every use	100	1	4	0
PC7. dispose off the waste safely as per the procedure in the designated area		1	3	0
PC8. plan and implement actions to reduce the risk to bystanders		1	3	0
PC9. monitor all the procedures and work instructions for controlling the risk		1	3	0
PC10. report accidents, incidents or problems, if any, without delay to an appropriate person		2	4	0
PC11. perform immediate necessary action as required to reduce the damage		2	4	0
PC12. follow procedures for dealing with accidents, fires and emergencies as per the company standards and workplace requirements		2	4	0
PC13. operate emergency equipment in accordance with manufacturers' specifications and workplace requirements		2	3	0
PC14. provide appropriate treatment to the patient's injuries in accordance with approved first aid techniques		1	2	0
PC15. clean, inspect/ test, refurbish, replace and store the first aid equipment as appropriate		2	3	0
PC16. report details of first aid administered in accordance with the workplace procedures		1	2	0
PC17. comply with standard safety procedures while handling heavy/hazardous material, chemicals, machine, equipment, or sharp tool to avoid accidents		1	3	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

	PC18. perform preventive actions to protect from leakages, water logging, pests, fire, pollution, etc.		2	3	0
	PC19. ensure zero accidents, damages, or breach of company safety procedure		1	3	0
	PC20. maintain the workplace organized, clean and hazard free		1	3	0
	PC21. participate in the fire drills and other safety related workshops organized at the workplace		2	2	0
	PC22. create awareness about first aid, evacuation and emergency procedures		2	2	0
	NOS Total	100	30	70	0
RSC/N5603: Follow ethical and sustainable practices at the workplace	PC1. follow organizational policies for usage of alternate energy source, such as solar energy, for the site		3	3	0
	PC2. ensure proper usage of fuels (such as diesel) to minimise pollution and conserve energy		2	6	0
	PC3. use resources in a responsible manner		2	6	0
	PC4. ensure zero wastage of water and follow water conservation practices at the workplace		2	5	0
	PC5. carry out processes to prevent soil erosion during plantation and other related activities	100	2	6	0
	PC6. identify and segregate different types of waste such as recyclable, non-recyclable, and hazardous waste generated		3	4	0
	PC7. store waste into different types of bins/containers or appropriate areas based on their categorisation		3	4	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

PC8. undertake disposal of non-recyclable waste appropriately as per the prescribed procedure		3	4	0
PC9. organise storage of recyclable and reusable material at identified location		2	3	0
PC10. ensure proper disposal of hazardous waste as per specified processes		2	2	0
PC11. ensure timely execution of the assigned tasks.		4	0	0
PC12. exhibit proper etiquette and emotional behaviour at workplace and among team members		1	3	0
PC13. follow appropriate non verbal communications taking gender and disability of the person into consideration		4	5	0
PC14. communicate in a polite and appropriate manner irrespective of the ability and gender of the person		3	5	0
PC15. ensure to provide work assistance/support to PwD team members and coordinate with them if needed or requested		4	4	0
NOS Total	100	40	60	0

NSQF QUALIFICATION FILE

Approved in 22nd NSQC Meeting – 25th August 2022

NG-Lx-ES-00001-2022-v1-DGT: Employability skill

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

Means of assessment 1

The assessment comprises of:

- Written Assessment
- Viva
- Practical assessment

Pass/ Fail

The Pass mark of written assessment is 40% and for viva and practical assessment is 60%. Total passing mark is 50%.

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25thAugust 2022

SECTION 2

EVIDENCE OF LEVEL

Assistant Machine Operator - Injection Moulding Plastic			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
Process	<p>Person may carry out a job which may require limited range of activities routine and predictable</p> <ul style="list-style-type: none"> • Assist in performing injection moulding operations • Coordinate and communicate effectively at the workplace • Carry out housekeeping • Carry out health and safety • Follow ethical and sustainable practices at the workplace 	<ul style="list-style-type: none"> • Assistant Machine Operator - Injection Moulding Plastic assisting in performing injection moulding operations. The person performs limited range of routine activities which are predictable in nature. • Hence Level 3 	3
Professional knowledge	<ul style="list-style-type: none"> • Basic facts, process and principle applied in trade of employment • List various types of injection moulding machines and plastic material used in injection moulding process along with additives to be mixed with plastics granules 	<ul style="list-style-type: none"> • Assistant Machine Operator - Injection Moulding Plastic follow basic facts, processes and principles applied in injection moulding operations such as procedure to identify requirements from the production plan, methods 	3

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25thAugust 2022

Assistant Machine Operator - Injection Moulding Plastic			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • Discuss principles of operation of injection moulding equipment and various stages with corresponding quality standards involved in the injection moulding operation • Explain the methods of identifying requirements from the production schedule and arranging the mould required for injection moulding process • Describe the standard procedure to clean the apparatus, moulds, auxiliary tools, machinery and work area • Explain the methods to perform the pre-operational checks on the injection-moulding equipment including checking for the hazards as per standards • Discuss various types of records to be maintained and applicable formats used for the same • Discuss standard policies on behavioural etiquette, professionalism and gender sensitive service practices at workplace and hierarchy and reporting structure • List key helpline number • Explain effective ways of team coordination 	<p>to conduct pre-operation checks on injection- moulding equipment, stagesinvolved in injection moulding, etc.</p> <ul style="list-style-type: none"> • Hence level 3 	

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

Assistant Machine Operator - Injection Moulding Plastic			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • Discuss various factors to determine the type of cleaning, level of hygiene and methods and material used for cleaning • Discuss health, safety and environment guidelines, legislation and regulations, knowledge of do's and don'ts and importance of Personal Protective Equipment (PPE) • Outline the importance of optimal utilization of resources and providing feedback for improvement • Explain the procedures of escalation for soils or stains that could not be removed and reporting for any unidentified soiling • Describe the method to check the treated surface and equipment on completion of the cleaning process and the importance of completing the activities as per the schedule • Explain the procedures for disposing off waste and personal protective equipment • Describe the correct method for cleaning equipment and/or machinery used for the cleaning activities 		

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25thAugust 2022

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NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • Discuss the methods for minimizing environmental damage during work and risks of health and safety at workplace • Explain the standard procedure to use machines, materials and equipment • Describe the process of reporting accidents, incidents and problems to appropriate authorities • Elaborate the process of contact of local emergency services, emergency evacuation process and first aid procedures to be followed • Describe the methods to handle hazardous materials, tools and equipment • Outline the importance of good housekeeping and maintaining safe and secure work area at workplace • Discuss harmful effect of using fuel such as diesel etc. along with alternate energy sources and alternate fuels • Explain water harvesting techniques and soil erosion 		

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25thAugust 2022

Assistant Machine Operator - Injection Moulding Plastic			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> Describe the different types of waste and the different colours of dustbin for proper waste management State the importance of following organizational standards and guidelines related to PwD 		
Professional skill	<p>Recall and demonstrate practical skill, routine and repetitive in narrow range of application</p> <ul style="list-style-type: none"> Write or fill log sheets, information, and details as communicated by senior Apply problem-solving approach prior to resolve difficulties Note down instructions received from the seniors Suggest solutions to improve work processes Seek clarification as and when required make timely decisions for efficient utilization of resources Identify cause and effect of greening of jobs Maintain data on waste disposal at 	<ul style="list-style-type: none"> Assistant Machine Operator - Injection Moulding Plastic has to prepare for injection moulding by applying professional skills at workplace as per the organizational standards. This person recalls and demonstrate practical skills and perform limited, routine and repetitive task in a narrow range of application Hence Level 3 	3

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

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NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<p>workplace</p> <ul style="list-style-type: none"> • Ensure punctuality, proper utilization of time and management workload efficiently • Interact with all stakeholders in a polite and courteous manner • Provide support in dealing with stress and anxiety help colleagues to work efficiently • Create awareness about maintaining hygiene at workplace 		
Core skill	<p>Communication written and oral, with minimum required clarity, skill of basic arithmetic and algebraic principles, personal banking, basic understanding of social and natural environment.</p> <ul style="list-style-type: none"> • Read job requirements from the job specification document • Interact and communicate with senior or other organizational personnel as per requirement • Read and interpret written instructions 	<ul style="list-style-type: none"> • Assistant Machine Operator - Injection Moulding Plastic should apply core skills such as basic understanding of the social and natural environment with and knowledge of resource optimization, greening, health, hygiene and safety standards followed at the workplace, etc. The person should also have written and oral communication with minimum clarity, the skill of basic 	3

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25thAugust 2022

Assistant Machine Operator - Injection Moulding Plastic			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • Communicate with all stakeholders in a polite and courteous manner using effective communication skills • Write in English or any regional language 	<ul style="list-style-type: none"> • arithmetic and algebraic principles and personal banking. • Hence Level 3 	
Responsibility	<p>Under close supervision. Some responsibility for own work within defined limit.</p> <ul style="list-style-type: none"> • Assist in preparation for injection moulding operations • Assist in injection moulding activities • Communicate effectively with colleagues and seniors • Coordinate with cross-functional teams • Prepare for housekeeping practices • Carry out housekeeping operations • Perform post housekeeping activities • Maintain safe and efficient workplace • Follow appropriate emergency procedures • Comply with standard safety procedures • Participate in safety awareness campaigns 	<ul style="list-style-type: none"> • Assistant Machine Operator - Injection Moulding Plastic responsible for assisting in preparation for injection moulding operations. This person is responsible for his own work within defined limit under the close supervision. • Hence Level 3 	3

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

Assistant Machine Operator - Injection Moulding Plastic			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> • Adopt resource conservation practices (Greening) Follow effective waste management practices • Display behavioural Skills at workplace • Adopt workplace practices and policies • respecting gender and ability differences 		

SECTION 3
EVIDENCE OF NEED

What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?		
Basis	In case of SSC	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)
Need of the qualification	<ul style="list-style-type: none"> As per the Labour Market Clarity Report (Annexure 5) there is a huge demand for skilled professionals in Production/Manufacturing Plastic Processing. 	N/A. The certifications for the job role of an Assistant Machine Operator - Injection Moulding Plastic is awarded by RCPSDC only.
Industry Relevance	<ul style="list-style-type: none"> The industry validation is submitted along with its summary sheet for reference. 	N/A. The certifications for the job role of an Assistant Machine Operator - Injection Moulding Plastic is awarded by RCPSDC only.
Usage of the qualification	<ul style="list-style-type: none"> This Qualification Pack will be used across industry which is organised. The training institute would use it new trainings/For employers to conduct RPL and for annual Appraisal. The SSC would submit details of the employment generated (wherever applicable) and realised. 	N/A. The certifications for the job role of an Assistant Machine Operator - Injection Moulding Plastic is awarded by RCPSDC only.
Estimated uptake	<p>RCPSDC conducted skill gap studies in different states of the country to understand the demand and supply for Jr. Machine Operator - Injection Moulding.</p> <p>Assuming, the study findings as the basis for entire rubber industry across the nation, employment opportunity is expected to grow approximately at the rate of 30% in the coming 5 years.</p>	N/A. The certifications for the job role of an Assistant Machine Operator - Injection Moulding Plastic is awarded by RCPSDC only.

NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

	(Refer: http://rsdcindia.in/www/knowledge-bank/ for the published reports)	
Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences Line ministry is under process.		
What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification This Qualification is being new. Mapping has been done with National Classification of Occupation 2015 to ensure the qualification does not duplicate.		
What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here Technical Committee's inputs are sought from time-to-time as needed to check the relevance of QP/ NOSs, and the revision exercise is undertaken, as needed. This revised is a continuous improvement process.		

Please attach any documents giving further information about any of the topics above.

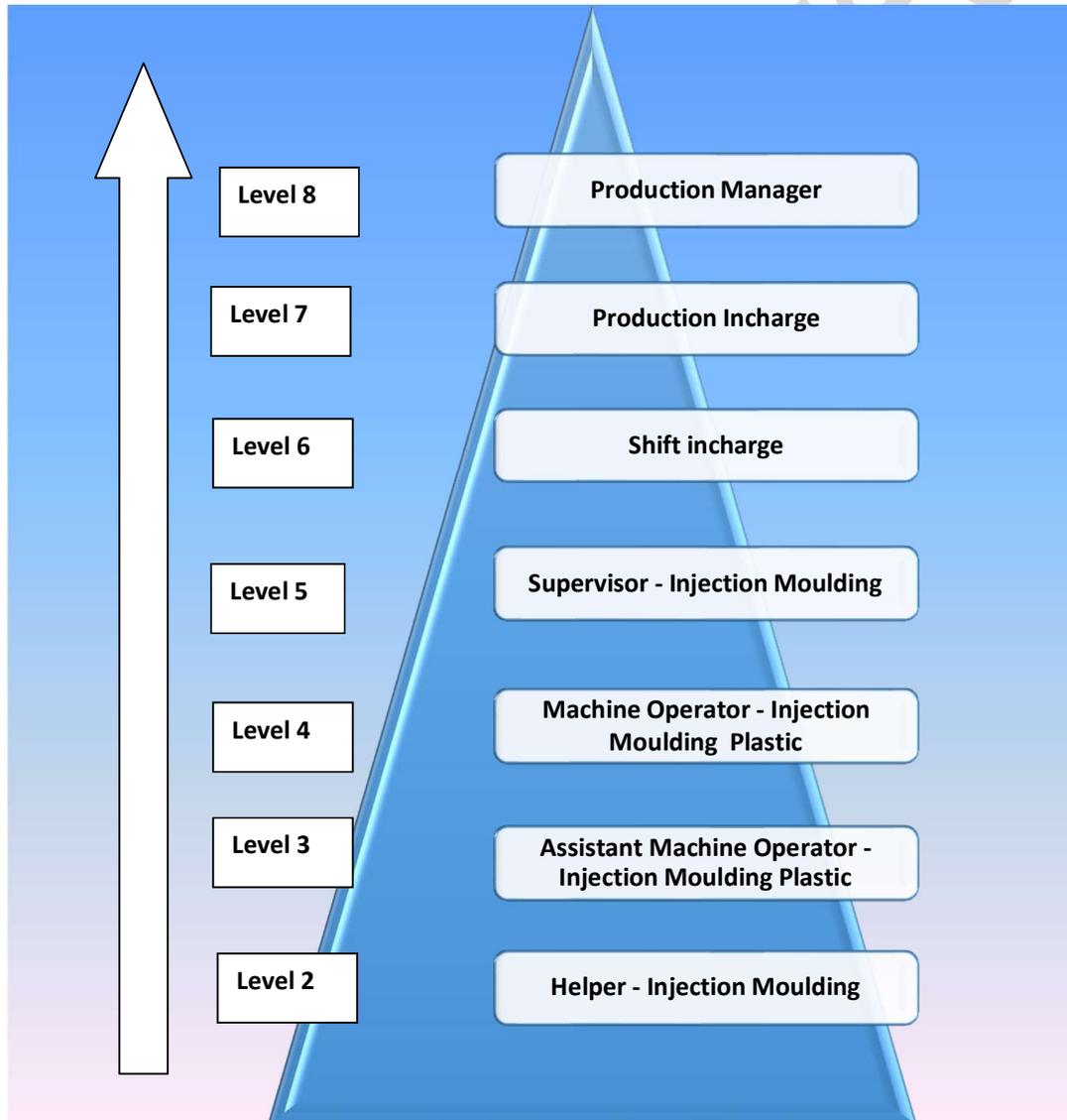
Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

SECTION 4
EVIDENCE OF PROGRESSION

What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?

Mobility options to other qualifications are enabled through the alignment of educational qualifications and prior work experience stated as a requirement in the respective qualifications.

For example: Post qualifying the certification of Assistant Machine Operator - Injection Moulding Plastic, candidate has an option to qualify for Machine Operator - Injection Moulding Job role for Production/Manufacturing Plastic Processing Vertical Progression.



NSQF QUALIFICATION FILE
Approved in 22nd NSQC Meeting – 25th August 2022

Please attach any documents giving further information about any of the topics above.

Refer

Annexure 2: Qualification Pack (QP)

Annexure 1: Occupational Map of the sector

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

NSQC Approved