



QUALIFICATION FILE

Product Associate (3D Modeling)

☒ Short Term Training (STT) ☐ Long Term Training (LTT) ☐ Apprenticeship

☒ Upskilling ☐ Dual/Flexi Qualification ☐ For ToT ☐ For ToA

☒ General ☐ Multi-skill (MS) ☐ Cross Sectoral (CS) ☐ Future Skills ☐ OEM

NCrF/NSQF Level: 3

Submitted By:

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Section 1: Basic Details

1.	Qualification Name	Product Associate (3D Modeling)	
2.	Sector/s	IT-ITeS	
3.	Type of Qualification: ☐ New ☐ Revised ☐ Has Electives/Options ☐ OEM	NQR Code & version of existing/previous qualification: <i>(change to previous, once approved)</i> 2022/ITES/KSDC/05918	Qualification Name of existing/previous version: Product Associate (3D Modeling)- v1
4.	a. OEM Name b. Qualification Name <i>(Wherever applicable)</i>	Product Associate (3D Modeling)	
5.	National Qualification Register (NQR) Code &Version <i>(Will be issued after NSQC approval)</i>	QG-03-IT-05918-2025-V2-KSDC	6. NCrF/NSQF Level: 3
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other <i>(Wherever applicable specify multiple entry/exits also & provide details in annexure)</i>)	Certificate	
8.	Brief Description of the Qualification	This course is designed to develop skills in product design and development. It provides opportunities to work in various industries such as automobile, aerospace, locomotive, defense, agriculture etc. It also provides unique opportunities for students for start-up. This course covers end to end skills on product design and development process. It covers all the key aspects such as market requirements, bench marking, product specification, concept design, detail design, prototyping, testing, product costing and optimization with product lifecycle management to develop creative design problem-solving abilities. This course provides strong sense of functional, Ergonomics and aesthetic principles of design as well as a solid understanding of the technical and business aspects of product development. It provides opportunities for students to work on industrial case studies and project work.	
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: Grade 10 pass OR Grade 8 pass with two years of (NTC/ NAC) after 8th OR 9th Grade pass with 1.5 -year relevant experience OR 8th Grade pass with 3 -year relevant experience OR 5th grade pass with 7.5-year relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5-year relevant experience OR	

		Previous relevant Qualification of NSQF Level 2 with 1.5-year relevant experience b. Age: Minimum Age: 15 Years																						
10.	Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))	11	11. Common Cost Norm Category (I/II/III) (wherever applicable):																					
12.	Any Licensing requirements for Undertaking Training on This Qualification (wherever applicable)	NA																						
13.	Training Duration by Modes of Training Delivery (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)	☒ Offline ☐ Online ☐ Blended <table border="1"> <thead> <tr> <th>Training Delivery Modes</th><th>Theory (Hours)</th><th>Practical (Hours)</th><th>OJT Mandatory (Hours)</th><th>OJT Recommended (Hours)</th><th>Total (Hours)</th></tr> </thead> <tbody> <tr> <td>Classroom (offline)</td><td>90</td><td>180</td><td>60</td><td></td><td>330</td></tr> <tr> <td>Online</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> (Refer Blended Learning Annexure for details)					Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	90	180	60		330	Online					
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																			
Classroom (offline)	90	180	60		330																			
Online																								
14.	Aligned to NCO/ISCO Code/s (if no code is available mention the same)	2144.0200 - Designer Machine.																						
15.	Progression path after attaining the qualification (Please show Professional and Academic progression)	- Product Associate (3D Modeling) → Product Lead (3D Modeling) - Entrepreneurship																						
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	No																						
17.	Is similar Qualification(s) available on NQR-if yes, justification for this qualification	☐ Yes ☒ No URLs of similar Qualifications:																						
18.	Is the Job Role Amenable to Persons with Disability	☐ Yes ☒ No If "Yes", specify applicable type of Disability:																						
19.	How Participation of Women will be Encouraged																							
20.	Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)	☐ Yes ☐ No																						
21.	Is Qualification Suitable to be Offered in Schools/Colleges	Schools ☐ Yes ☐ No Colleges ☒ Yes ☐ No																						
22.	Name and Contact Details of Submitting / Awarding Body SPOC (In case of CS or MS, provide details of both Lead AB & Supporting ABs)	Name: Nagaraja NM, IAS Managing Director, Karnataka Skill Development Corporation Email: md.ksdc@karnataka.gov.in Website: https://kaushalkar.karnataka.gov.in/en Contact No.: 080 2952 2222																						
23.	Final Approval Date by NSQC:	24. Validity Duration: 3 Years		25. Next Review Date																				

Section 2: Module Summary

NOS/s of Qualifications

(In exceptional cases these could be described as components)

Mandatory NOS/s:

Specify the training duration and assessment criteria at NOS/ Module level. For further details refer curriculum document.

Th.-Theory **Pr.**-Practical **OJT**-On the Job **Man.**-Mandatory Training **Rec.**-Recommended **Proj.**-Project

Th.																
S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.	Comply with workshop health and safety guidelines		Non-Core	3	1	2	3			5	2	4		3	9	9
2.	Able to perform benchmarking study & developing cost model of product with effective profit margin & preparing plan for product design and development		Core	3		8	17			25	2	6		3	11	11
3.	Understand the technical and business aspects of product design and development by evaluating the multiple solution and to build the Concept design		Core	3	1	10	20			30	4	5		3	12	12
4.	Understand the Industrial design, perceived quality of product & Ergonomics		Core	3	1	10	20			30	2	5		5	12	12
5.	Able to work on a computer aided design software to perform the engineering activity		Core	3	2	20	40			60	2	5		5	12	12

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
	like developing 3D model to virtual validation of product design.															
6.	Able to Understand the selection of manufacturing process and developing prototype using 3D printing technology.		Core	3	2	20	40			60	2	4		5	11	11
7.	Assignments (Based on case studies and Industrial application)		core	3	1	10	20			30	2	4		5	11	11
8.	Mini Project (Based on Industrial application)		core	3	2			60		60	2	5		7	14	14
9.	Employability Skills			3	1	10	20			30	2	2		4	8	8
Duration (in Hours) / Total Marks					11	90	180	60	0	330	20	40	0	40	100	100

Elective NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Optional NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Assessment - Minimum Qualifying Percentage

Please specify **any one** of the following:

Minimum Pass Percentage – Aggregate at qualification level: 0 % (Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

Minimum Pass Percentage – NOS/Module-wise: ____% (Every Trainee should score specified minimum passing percentage in each mandatory and selected elective NOS/Module to successfully clear the assessment.)

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Graduate in Engineering with 2-year experience in relevant field and domain certification.
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Graduate in Engineering with 4-year experience in relevant field and domain certification.
3.	Tools and Equipment Required for Training	☒ Yes ☐ No (If "Yes", details to be provided in Annexure)
4.	In Case of Revised Qualification, Details of Any Upskilling Required for Trainer	

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Graduate in Engineering with 4-year experience in relevant field.
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Graduate in Engineering with 2-year experience in relevant field.
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Graduate in Engineering with 6-year experience in industry or training experience.
4.	Assessment Mode (Specify the assessment mode)	Offline
5.	Tools and Equipment Required for Assessment	☒ Same as for training ☐ Yes ☐ No (details to be provided in Annexure-if it is different for Assessment)

Section 5: Evidence of the need for the Qualification

Provide Annexure/Supporting documents name.

1.	Latest Skill Gap Study (not older than 2 years) (Yes/No): Yes
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): Yes
3.	Government /Industry initiatives/ requirement (Yes/No): Yes
4.	Number of Industry validation provided:
5.	Estimated nos. of persons to be trained and employed:
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: NA If "No", why:

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrf/NSQF level justification based on NCrf level/NSQF descriptors <i>(Mandatory)</i>	Annexure 1
2.	Annexure: List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	Annexure 2
3.	Annexure: Detailed Assessment Criteria <i>(Mandatory)</i>	Annexure 6
4.	Annexure: Assessment Strategy <i>(Mandatory)</i>	Annexure 7
5.	Annexure: Blended Learning <i>(Mandatory, in case selected Mode of delivery is "Blended Learning")</i>	NA
6.	Annexure: Multiple Entry-Exit Details <i>(Mandatory, in case qualification has multiple Entry-Exit)</i>	NA
7.	Annexure: Acronym and Glossary <i>(Optional)</i>	Annexure 8
8.	Supporting Document: Model Curriculum <i>(Mandatory – Public view)</i>	Model Curriculum
9.	Supporting Document: Career Progression <i>(Mandatory - Public view)</i>	
10.	Supporting Document: Occupational Map <i>(Mandatory)</i>	
11.	Supporting Document: Assessment SOP <i>(Mandatory)</i>	
12.	Any other document you wish to submit:	

Annexure 1: Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrF/NSQF level descriptor	NCrF/NSQF Level
Professional Theoretical Knowledge/Process	- Product design and development assistant identify the customer needs, analyse the requirement, generate the innovative idea Conduct the market survey, performing benchmarking, preparing plan for designing computer aided design model & developing product through 3D Printing machine and performing post processing - Product design and development assistant as is expected to assist in Identify the design failure mode effects by using DFMEA tool. - Maintain the work area, tools and instruments and ensure good working condition of required tools.	The Product design development assistant is expected to work under supervision, where the range of activities is limited from preparation of conceptual model design, planning to develop the product, selection of manufacturing process, built up prototype using 3D printing technology, post processing to finalize the product to inspect final product quality.	NSQF Level 3
Professional and Technical Skills/ Expertise/ Professional Knowledge	- Product design and development assistant is expected to have basic knowledge of the product design and development processes to commercializing the product. - Evaluate the customer requirement and assist to create product cost model. - Design the product using computer aided software. - Basic Knowledge of Material, machining process, machining tools, measuring instruments, techniques and methods is expected to ensure the product quality. - Generic knowledge of Common Engineering standards, symbols, GD & T to read the Industrial Drawing Considering the basic professional knowledge, which an Additive Manufacturing operator to assist in new creation & upgradation in existing product with Design the product using computer aided software. - Having professional skill to develop the product on machine and ensuring the quality of the	- The Product design and development assistant is expected to understand the basics of engineering industrial drawing & the product development process. - Professional is expected to give the recommendation on the material selection & to read the engineering drawing with proper GD & T. knowledge of measuring instruments for the same.	NSQF Level 3

	product by using measuring instrument.		
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	- Working as a member of a team/ within a team. Display Personal Motivation. Positive Attitude & Passion for Work - Good skills in written and oral communication with some clarity, basic knowledge of Language to support such communication. - Intermediate literacy and Numeracy skills - Skills for workshop calculations and basic of arithmetic and algebraic principles. - Good logical and analytical reasoning skills.	The jobholder will perform the repetitive tasks such as identifying design change or new design requirement, preparing design model using computer aided design software, and able to apply and understand GD&T in drawing, develop the product to additive manufacturing operation. He/she is also expected to work on slicing software to optimize the design by editing the existing design, apart from creating the design on his /her own.	NSQF Level 3
Broad Learning Outcomes/Core Skill	- Product design and development assistant is expected to have better understanding about product design and development process. - Also expected to have understanding about basic engineering drawing to create the computer aided design model, assembly of product. - Operate 3D printer machine, Performing the post operation for 3D printed product & ensure the product quality with the help of measuring instruments. - If any support is needed to follow superior's instructions. - Expected to be good in communication skills. - Jobholder is expected to conduct themselves in ways, which show a basic understanding of the social and professional environment of working at workshops and on field visits	The jobholder is expected to understand the process of product design and development. To assist in planning, designing the computer aided modelling and developing the product on 3d printing technology, laser cutting machines and other machinery tools.	NSQF Level 3
Responsibility	The jobholder is expected to understand the process of product design and development. To assist in planning, designing the computer aided modelling and developing the product on 3d printing technology, laser cutting machines and other machinery tools.	- The jobholder is expected work in a close supervision of the senior professional. He is expected to consult the senior for critical decisions such as verifying the process parameters on the machine, creating 3D printable design in the software etc. - The operator is also expected to display the decisiveness within the limited range of operation. Also, responsible to check and inspect the final product using advanced measuring instruments and can suggest improvements if any to his supervisor.	NSQF Level 3

Annexure 2: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size:

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Design Software	--	-
2	3D Printer Plastic (Common to other trades)	--	2 Nos
3	Computer Latest version compatible for running computer aided design software, preloaded with latest configurations and Internet connection with standard operating system.	--	10 Nos
4	UPS (Common to other trades)	--	1 No
5	Industrial Workstation(Common to other trades)	--	20 Nos
6	Monitor (Common to other trades)	--	20 Nos
7	Safety Kit	--	1 No
8	Laser Cutter	--	1 No
9	Spray Painting Gun and system	--	1 No
10	Vertical Machining Center	--	1 No
11	CNC Tool-room Lathe	--	1 No

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Laptop
2. Whiteboard and Markers
3. Projector
4. Screen
5. Stationary

Annexure 3: Industry Validations Summary

Provide the summary information of all the industry validations in table. This is not required for OEM qualifications.

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)

Annexure 4: Training & Employment Details

Training and Employment Projections:

Year	Total Candidates		Women		People with Disability	
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities

Data to be provided year-wise for next 3 years

Training, Assessment, Certification, and Placement Data for previous versions of qualifications:

Qualification Version	Year	Total Candidates				Women				People with Disability			
		Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed

Applicable for revised qualifications only, data to be provided year-wise for past 3 years.

List Schemes in which the previous version of Qualification was implemented:

1.
2.

Content availability for previous versions of qualifications:

☐ Participant Handbook ☐ Facilitator Guide ☐ Digital Content ☐ Qualification Handbook ☐ Any Other:

Languages in which Content is available:

Annexure 5: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:

Refer NCVET “Guidelines for Blended Learning for Vocational Education, Training & Skilling” available on:

<https://ncvet.gov.in/sites/default/files/Guidelines%20for%20Blended%20Learning%20for%20Vocational%20Education,%20Training%20&%20Skilling.pdf>

S. No.	Select the Components of the Qualification	List Recommended Tools – for all Selected Components	Offline : Online Ratio
1	☐ Theory/ Lectures - Imparting theoretical and conceptual knowledge		
2	☐ Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners		
3	☐ Showing Practical Demonstrations to the learners		
4	☐ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training		
5	☐ Tutorials/ Assignments/ Drill/ Practice		
6	☐ Proctored Monitoring/ Assessment/ Evaluation/ Examinations		
7	☐ On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training		

Annexure 6: Detailed Assessment Criteria

Detailed assessment criteria for each NOS/Module are as follows:

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Comply with workshop health and safety guidelines	PC 1. Comply with safety, health, security, and environment related regulations/ guidelines as per organizational/ manufacturer's policy.				
	PC 2. Carry out maintenance operations as per the manufacturers and workshop related health and safety guidelines/ standard operating procedures.				
	PC 3. Follow safety regulations and procedures regarding service workshop hazards and risks.				
	PC 4. Use appropriate protective clothing/ equipment for specific tasks and work conditions as per service manual.				
	PC 5. Record and report details related to operations, incidents, or accidents, as applicable.				
	Total Marks	2	4		3
Able to assist in market research and benchmarking study	PC 1. Able understand various phases of product design and development.				
	PC 2. Analyze the need of new product development or to upgrading the existing product				
	PC 3 Refining the product specification as per end user or customer requirement				
	PC 4. Benchmarking.				
	PC 5. Developing cost model of product & defining effective profit margin				
	PC 6. Prepare plan to develop the new product concept				
	PC 7. Risk assessment in product planning				
	Total Marks	2	5		3
Understand the technical and business aspects of product design and development by evaluating the multiple solution and to build the Concept design	PC 1. Ability to generate multiple creative ideas & their evaluation				
	PC 2. Ability to develop Concept design, selection & testing				
	PC 3. Competitive Analysis.				
	PC 4. Ability to understand the Product architecture				
	PC 5. Technical and business aspects of product development				
	Total Marks	4	5		3
Understand the Industrial design, perceived quality of product & Ergonomics	PC 1. Understand the importance of Industrial design				
	PC 2 Understand the importance of Ergonomics				
	PC 3. Understand the importance of Perceived quality& Product based quality				
	Total Marks	2	5		5
Able to work on a computer aided design software to perform the engineering activity like developing 3D model to virtual validation of product design.	PC 1. Create a solid part model using computer aided design software				
	PC 2. Create sheet metal component using computer aided design software				
	PC 3. Make an assembly of component to create a product with the help of computer aided design software				
	PC 4. .Create a Bill of Material using computer aided design software				
	PC 5. Create an industrial drafting drawing for manufacturing purpose				
	PC 6. Ability to Identify the effects & outcome of product design failure by using				

	DFMEA tool				
	• PC 7. Ability to Product design (using Design software)				
	• PC 8. Create the Digital mock-up for assembly product				
	• PC 9. Identifying effects & outcome of failure by using PFMEA tool				
	• PC 10. Understand the engineering activity in product design & development like Material selection, Design consideration etc				
	Total Marks	2	5		5
Able to Understand the selection of manufacturing process and developing prototype using 3D printing technology	• PC 1. Define the manufacturing process using Breakeven point analysis method.				
	• PC 2 Identify the tooling used in additive manufacturing				
	• PC 3. Create a final product inspection report.				
	• PC 4. Prepare Manufacturer's suggested retail price (MSRP) report.				
	Total Marks	2	4		5
Assignments	• PC1 Based on case studies and Industrial application				
	Total Marks	2	5		6
Mini Projects (Based on case studies and Industrial application)	• PC 1. Analyse the need of new product development				
	• PC 2. PESTLE Analysis				
	• PC 3. Developing a plan for product design and development				
	• PC 4. Perceived Quality of Car				
	• PC 5 Ergonomics study of Manufacturing Process				
	• PC 6. Preparing a design model using computer aided design software				
	• PC 7. Identifying the effects of DFMEA and suggest necessary actions on highest RPN value.				
	• PC 8. Identifying the effects of PFMEA and suggest necessary actions on highest RPN value.				
	Total Marks	2	5		6
Employability Skills	• PC1 Understanding the Significance of Employability skills				
	• PC2 Identification the Constitutional values				
	• PC3 Explaining Becoming a professional in the 21st century				
	• PC4 Speak with Others in Basic English skills				
	• PC5 Significance of Career development and goal setting				
	• PC6 Etiquette of Communication skills				
	• PC7 Use Various Financial and legal literacy				
	• PC8 Awareness to Essential Digital Skills				
	Total Marks	2	2		4
Grand Total		20	40		40

Annexure 7: Assessment Strategy

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the Candidate on the required competencies of the program.

Mention the detailed assessment strategy in the provided template.

<1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SIP or email
- Assessment agencies send the assessment confirmation to VTP/TC looping SSC
- Assessment agency deploys the ToA certified Assessor for executing the assessment
- SSC monitors the assessment process & records

2. Testing Environment:

- Check the Assessment location, date and time
- If the batch size is more than 30, then there should be 2 Assessors.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.

3. Assessment Quality Assurance levels/Framework:

- Question bank is created by the Subject Matter Experts (SME) are verified by the other SME
- Questions are mapped to the specified assessment criteria
- Assessor must be ToA certified & trainer must be ToT Certified

4. Types of evidence or evidence-gathering protocol:

- Time-stamped & geotagged reporting of the assessor from assessment location
- Centre photographs with signboards and scheme specific branding

5. Method of verification or validation:

- Surprise visit to the assessment location

6. Method for assessment documentation, archiving, and access

- Hard copies of the documents are stored

On the Job:

1. Each module will be assessed separately.
2. The candidate must score 60% in each module to successfully complete the OJT.
3. Tools of Assessment that will be used for assessing whether the candidate is having desired skills and etiquette of dealing with customers, understanding needs & requirements, assessing the customer and perform Soft Skills effectively:
 - Videos of Trainees during OJT
 -
4. Assessment of each Module will ensure that the candidate is able to:
 - Effective engagement with the customers
 - Understand the working of various tools and equipment
 ->

Annexure 8: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	Description
National Occupational Standards (NOS)	NOS define the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual performing that task should know and also do.
Qualification	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
Qualification File	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
Sector	A grouping of professional activities on the basis of their main economic function, product, service or technology.
Long Term Training	Long-term skilling means any vocational training program undertaken for a year and above. https://ncvet.gov.in/sites/default/files/NCVET.pdf