

QUALIFICATION FILE

Jewellery

☒ 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: 4.5

Submitted By:

Gem & Jewellery Skill Council of India

Business Facilitation Centre, 4rth Floor, Special Economic Zone, Andheri (E). Mumbai 400 096

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Section 1: Basic Details

1.	Qualification Name	Jewellery_(G&J/Q0905) _Version 1.0	
2.	Sector/s	Handmade Gold and Gems-set Jewellery, Silver Smithing	
3.	Type of Qualification: <input checked="" type="checkbox"/> New <input type="checkbox"/> Revised <input type="checkbox"/> Has Electives/Options <input type="checkbox"/> OEM	NQR Code & version of existing/previous qualification: (change to previous, once approved)	Qualification Name of existing/previous version:
4.	a. OEM Name b. Qualification Name (Wherever applicable)	NA	
5.	National Qualification Register (NQR) Code &Version (Will be issued after NSQC approval)	QG-4.5-GJ-01795-2024-V1-GJSCI	6. NCrF/NSQF Level: 4.5
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other (Wherever applicable specify multiple entry/exits also & provide details in annexure)	Certificate	
8.	Brief Description of the Qualification	Jeweler fabricate and repair various jewellery articles. They create models from wax or metal and they may undertake the casting process (place wax model in casting ring, create moulds, pour molten metal into mould, or operate centrifugal casting machine to cast articles). Jeweler's also cut, saw, file, and solder pieces of jewellery together, using a soldering torch, carving tools and hand tools and polish the article. The individual works with machine and hand tools to create jewellery components such as wire, strips etc. and frames from precious metal as per the design of jewellery pieces and articles. Individual can make exclusive jewellery pieces for use, pieces ready to be set with precious gemstones	
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: As per world skill standards. b. Age: Competitors must not be older than 22 years in the year of the Competition (*as mentioned in the world skill technical description for Jewellery (WSC2024_TD27_en)	
10.	Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))	(* can be added after we get clarity on Assessment marks and duration)	11. Common Cost Norm Category (I/II/III) (wherever applicable): I

12.	Any Licensing requirements for Undertaking Training on This Qualification <i>(wherever applicable)</i>	NA																							
13.	Training Duration by Modes of Training Delivery <i>(Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)</i>	<input checked="" type="checkbox"/> Offline <input type="checkbox"/> Online <input type="checkbox"/> 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>55</td> <td>95</td> <td>360</td> <td>NA</td> <td>510</td> </tr> <tr> <td>Online</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <i>(Refer Blended Learning Annexure for details)</i>						Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	55	95	360	NA	510	Online					
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																				
Classroom (offline)	55	95	360	NA	510																				
Online																									
14.	Aligned to NCO/ISCO Code/s <i>(if no code is available mention the same)</i>	NCO-2015/7313.1503																							
15.	Progression path after attaining the qualification <i>(Please show Professional and Academic progression)</i>	Master or Repair Goldsmith/ Jeweler or Supervisor																							
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	NA																							
17.	Is similar Qualification(s) available on NQR-if yes, justification for this qualification	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No URLs of similar Qualifications:																							
18.	Is the Job Role Amenable to Persons with Disability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," specify applicable type of Disability:																							
19.	How Participation of Women will be Encouraged	No gender sensitization																							
20.	Are Greening/ Environment Sustainability Aspects Covered <i>(Specify the NOS/Module which covers it)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							
21.	Is Qualification Suitable to be Offered in Schools/Colleges	Schools <input type="checkbox"/> Yes <input type="checkbox"/> No Colleges <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							
22.	Name and Contact Details of Submitting / Awarding Body SPOC <i>(In case of CS or MS, provide details of both Lead AB & Supporting ABs)</i>	Name: Mrs. Shefali Kirit Parab Email: standards.qa@gjsci.org Contact No.: 02228293943 Website: www.gjsci.org																							
23.	Final Approval Date by NSQC: 06/02/2024	24. Validity Duration: 2 years				25. Next Review Date: 06/02/2026																			

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

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/NSQF 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.	Work organization and management for jewellery making	G&J/N0907, Version 1.0	Core	4.5	3	10	80	NA	NA	90	13	29	NA	NA	42	20
2.	Design jewellery components	G&J/N0908, Version 1.0	Core	4.5	3	10	80	NA	NA	90	23	27	NA	NA	50	20
3.	Manufacture of precious metal alloys	G&J/N0910, Version 1.0	Core	4.5	1	5	25	NA	NA	30	8	16	NA	NA	23	5
4.	Preparation of precious metal alloys for the manufacture of jewellery components	G&J/N0909, Version 1.0	Core	4.5	2	10	50	NA	NA	60	8	16	NA	NA	23	10
5.	Manufacture of both simple and complex jewellery components	G&J/N0911, Version 1.0	Core	4.5	5	10	140	NA	NA	150	23	47	NA	NA	70	30
6.	Surface finish	G&J/N0906, Version 1.0	Core	4.5	3	5	55	NA	NA	60	10	20	NA	NA	30	15
Duration (in Hours) / Total Marks						55	455			510	85	155			240	100

Elective NOS/s: *At least one Elective NOS needs to be included

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/NSQF 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.																
3.																
4.																

Optional NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/NSQF 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: 70 % (Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

Minimum Pass Percentage – NOS/Module-wise: 70 % (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)	12 th Pass, Jewellery making (Relevant Industry Experience -5 years' experience, Training Experience -2 years' experience) or certified in relevant CITS course as appropriate
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2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	12 th Pass, Jewellery making (Relevant Industry Experience -5 years' experience, Training Experience -4 years' experience)
3.	Tools and Equipment Required for Training	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes", details to be provided in Annexure)
4.	In Case of Revised Qualification, Details of Any Upskilling Required for Trainer	NA

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	<p>a) Have a formal and/or recognized certification with proven industrial and/or practical experience in the relevant skill (minimum 10 years).</p> <p>b) To facilitate smooth implementation of WorldSkills/India Skills competition and to avoid any disruption, for the year 2024, following additional categories of assessors shall also be eligible to conduct of assessment of WorldSkills/India Skills qualifications:</p> <p>i. Have worked as a Jury member/expert in skill competitions and other competitions of similar nature at regional/national levels OR ii. Trained/mentored competitors for India Skills/ WorldSkills competitions (national/ international).</p>
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	NA
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	NA
4.	Assessment Mode (Specify the assessment mode)	Physical
5.	Tools and Equipment Required for Assessment	<input checked="" type="checkbox"/> Same as for training <input type="checkbox"/> Yes <input type="checkbox"/> 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, for the relevant job role of Jewellery component and frame maker/ Goldsmith
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): NA
3.	Government /Industry initiatives/ requirement (Yes/No): NA
4.	Number of Industry validation provided: NA
5.	Estimated nos. of persons to be trained and employed: NA
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: Evidence of Level
2.	Annexure: List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	Annexure _ Tools & Equipment list for Jeweler
3.	Annexure: Detailed Assessment Criteria <i>(Mandatory)</i>	Annexure Detailed assessment criteria for each NOS
4.	Annexure: Assessment Strategy <i>(Mandatory)</i>	Annexure_ Technical description containing the details on Assessment and marking scheme
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>	NA
8.	Supporting Document: Model Curriculum <i>(Mandatory – Public view)</i>	Model Curriculum_Jeweler_ version 1.0
9.	Supporting Document: Career Progression <i>(Mandatory – Public view)</i>	NA
10.	Supporting Document: Occupational Map <i>(Mandatory)</i>	NA
11.	Supporting Document: Assessment SOP <i>(Mandatory)</i>	NA
12.	Any other document you wish to submit:	Qualification Pack

Annexure: 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	<p>Possesses specialized knowledge of procedures employed in both routine and non-routine contexts.</p> <p>Possesses specialized operational knowledge and understanding of the work.</p> <p>Has complete knowledge of concept of time required for delivery; and Quality for a range of issues.</p> <p>Has knowledge of collecting and interpreting the available information, drawing conclusions and communicating the same.</p> <p>Understands the financial and feasibility aspect of various work/ solutions options</p>	<p>Jeweler or jewellery maker carry out both routine and non-routine/ specialized activities to construct simple as well as complex jewellery by virtue of deep knowledge.</p> <p>The individual even plan for work activity and timeframe for completion.</p> <p>Maintains quality and design requirements expected by customer.</p> <p>Can solve day today problems occurred during activities.</p>	4.5
Professional and Technical Skills/ Expertise/ Professional Knowledge	<p>Possesses specialized professional and technical skills; displays clarity of professional knowledge and technical skills in broad range of activities/ tasks.</p> <p>Can apply the required knowledge for successfully implementing or applying techniques/ processes in a specific field/ job role</p> <p>The ability to gain, and where relevant apply a range of knowledge, skills and Understanding</p> <p>Can clearly identify the relevant tools; and has advanced knowledge of materials in most routine/ non-routine contexts.</p> <p>Possesses the required operational skills for the work/ job. Skill to deliver job/ work with the required precision and in the estimated timelines.</p> <p>Capabilities of carrying out a choice of processes and procedures within the range of familiar / unfamiliar contexts.</p>	<p>Jewellery maker use of different advanced planning tools and design tools. Uses various basic and advanced tools and machineries and equipment to make simple and intricate jewellery pieces.</p> <p>Also, collects and maintain data or record related to task like metal loss, etc. and can communicate to superiors in case of any discrepancies.</p>	4.5
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	<p>Have much broader Employability Skills including understanding of career planning, digital skills, financial and legal literacy.</p> <p>Good Communication skills, both oral and written.</p> <p>Initiative and Leadership Abilities</p>	<p>Jewellery maker has good communication skills by virtue of which, he/she communicates with superiors, merchandizer or customer for understanding requirements</p>	4.5

	<p>Advanced literacy and Numeracy skills Has good skills for self-employment and entrepreneurship skills/ entrepreneurial Mind-set which may potentially create job for more person (say 3 to 5)</p> <p>Skills for accurate workshop/ mathematical calculation and estimations, and understanding of arithmetic and algebraic principles.</p> <p>Can comfortably use most of the basic digital tools, has clear understanding of Financial and Digital literacy, Aadhaar and Mobile, uses digital payments etc. with proficiency good understanding of Constitutional values & Citizenship, inclusion and Diversity Very Good understanding of social political and work environment</p>	<p>Good writing skills help write and maintain the logs and various technical records. Due to the good understanding of mathematical and complex calculation the individual can work on making of complex jewelry pieces or assembly.</p>	
Broad Learning Outcomes/Core Skill	<p>The candidate must be able to carry out a specialized job/ work/ tasks in a familiar/ unfamiliar, predictable/ unpredictable, routine/ nonroutine, situation of multiple options/ choices.</p> <ul style="list-style-type: none"> • Focus on range of application of standard and non-standard procedures and somewhat complex operations in production/ services. • Able to identify the problems and a wider possible range of solutions with pros and cons in production/ services • Complex tasks are performed by himself without much instructions and supervision. Apply related occupational safety & general hygiene norms and environmental aspects. • For mini-entrepreneurs end to end clear understanding of development, production, quality parameters, and delivery and marketing processes. • Applies range of well - developed technical skills with clarity of activities involving clear choices within familiar contexts • Has knowledge and is able to continuously improve processes which the individual uses for concerned job roles 	<p>Jewellery maker listens and understands the requirements shared by the merchandiser and customer. With own judgment and decision can plan for the various manufacturing steps for the project or jewelry creation.</p> <p>Also, can solve the familiar issues occurred during the activity.</p>	4.5

	<ul style="list-style-type: none"> • Has information of associated Risks with related job roles • Uses discretion and judgement over a range of known responses to familiar problems 		
Responsibility	<p>At Level 3.5 the candidate is a senior skilled Technician</p> <ul style="list-style-type: none"> • Takes complete responsibility for delivery and quality of own work and output as also the subordinates. • Shares responsibility for the group tasks. • At level 4 the candidate is a highly skilled master technician • Can perform all nonstandard procedures and non-routine tasks with confidence. 	<p>This Highly skilled artisan can assign tasks to team and can handle daily planning. Can supervise, mentor and motivate team for achieving the target. Guide team to</p>	4.5

Annexure: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size: For 1 Candidate

S. No.	Tool / Equipment Name	Quantity for specified Batch size	Specification
1	Saw Frames Various Styles	2	
2	Needle File Various cuts/Shapes	30	
3	Escapement Needle File Various cuts/shapes	30	
4	Half Round Ring File Various cuts	4	
5	Crossing File Various cuts	4	
6	Bench File Various cuts	4	
7	Dividers	2	
8	File Handles	8	
9	Scriber	2	
10	Centre Punch – automatic or static	2	
11	Scissor for metal	2	
12	Tweezers Stainless Steel Anti-Magnetic Various Styles	8	
13	Tweezers - X-Lock	6	
14	Titanium Rod for Soldering	2	
15	Stand for pliers	1	
16	Parallel plier	4	
17	Cutter - End cut flush or Side cut	2	
18	Jewelers Plier Various Jaw Shapes	15	
19	Pin Vice Various Styles	5	
20	Modified punches Beaders /Shanks	6	
21	Gravers with handle Various Styles	6	
22	Burnisher Various Styles	6	
23	Clamp – Double end, Broad wedge, etc. Various Styles	3	
24	Bench Hammers Various Styles	4	

25	Nylon /Plastic/Rubber Mallet Various Styles	2	
26	Mallet Wood/Raw Hide	2	
27	Magnification	1	
28	Glue	2	
29	Steel Ruler	2	
30	Magnet	1	
31	Emery Stick Sticks or boards must not already contain abrasive paper or abrasive cloth/plastics	10	
32	Specialty Burr 2.38 mm shank	50	
33	Flux brushes	4	
34	Bench Brush	2	
35	Metal Scoop	2	
36	Modelling Clay	1	
37	Soft Timber 100 mm x100 mm x 30 mm	2	
38	Scraper Various Styles	4	
39	Soft Jaw Pliers Various shapes	5	
40	Benders Various Styles	2	
41	Gapping File Various cuts	15	
42	Needle File Holder Various	5	
43	Customized Pliers that have been modified	5	
44	Glass Brush	2	
45	Metal Flattening Tools	2	
46	Chenier Cutter	1	
47	Engineer Jig	2	
48	Shellac/Thermo-Loc Holder	2	
49	3rd Hand	2	
50	Saw Blade Holders	1	

51	Ruler for Drafting	1	
52	Leather off cuts 300 x 300mm	1	
53	Tracing Paper	10	
54	Tape Single and double sided	2	
55	Pens, Drafting or Writing Various	6	
56	Sharpener	1	
57	Eraser	1	
58	Drawing Templates	8	
59	Wire Mesh	2	
60	Bees Wax	1	
61	Drawing Set	1	
62	Engineers Square	2	
63	Scalpel	1	
64	Diamond/Sharpening Stone or similar	2	
65	Brush Various Styles	2	
66	Centre Finder	1	
67	Parallel Clamps	2	
68	Hand Vise Various Styles	4	
69	Mandrels for Jump ring Making	1 set	
70	Bezel punch	10	
71	Bezel Mandrel Round and Oval	1	
72	Edenta diamond wheel Coarse/Medium/Fine	1	
73	Rotary Solder Stand Without solder board	1	

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Whiteboard
2. Projector
3. Computer/Laptop
4. Chairs
5. Tables
6. Whiteboard marker

7.

Annexure: 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)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

Annexure: 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
23-24						
24-25						
25-26						

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
	22-23												
	21-22												
	20-21												

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.

Content availability for previous versions of qualifications:

(*Unable to update the check box. Participant Handbook i.e., Training Manual for Candidate is available for this Qualification)

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

Languages in which Content is available: Hindi

Annexure: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:**Refer NCVT “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	<input type="checkbox"/> Theory/ Lectures - Imparting theoretical and conceptual knowledge		
2	<input type="checkbox"/> Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners		
3	<input type="checkbox"/> Showing Practical Demonstrations to the learners		
4	<input type="checkbox"/> Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training		
5	<input type="checkbox"/> Tutorials/ Assignments/ Drill/ Practice		
6	<input type="checkbox"/> Proctored Monitoring/ Assessment/ Evaluation/ Examinations		
7	<input type="checkbox"/> On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training		

Annexure: 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
Organizing and managing work	PC1. Follow environmental policies, identify potential breaches of environmental regulations, and suggest improvements within the limit of own authority	0.5	1	-	-
	PC2. Manage the environmental hazards/risks, resource use and inefficiencies associated with own workplace, at an appropriate level	0.5	1	-	-
	PC3. Take account of the relevant environmental and resource efficiency systems and procedures for own work area	0.5	1	-	-
	PC4. Plan a work activity using appropriate planning tools such as technical drawings, sample pieces and sketches or rendered images from 3D digital models, whilst following established procedures, including work health and safety (WHS) requirements	1	2	-	-
	PC5. Check the plan to ensure accuracy and conformance and modify the plan components, as necessary, to overcome any unforeseen difficulties or developments	1	2	-	-
	PC6. Identify hazards and implementing appropriate risk control measures and procedures	0.5	1	-	-
	PC7. Select, use and maintain relevant personal protective equipment (PPE),	1	2	-	-
	PC8. Evaluate the effectiveness of risk controls measures	0.5	1	-	-
	PC9. Follow work instructions, standard operating procedures (SOPs) and safe work practices	0.5	1	-	-
	PC10. Access and record relevant information from a range of sources	0.5	1	-	-

	PC11.	Recognize and use workplace appropriate terminology	0.5	1	-	-
	PC12.	Read, interpret and follow information in workplace documentation	0.5	1	-	-
	PC13.	Check and clarify information	0.5	1	-	-
	PC14.	Organize, categorize, and sequence information	0.5	1	-	-
	PC15.	Communicate using appropriate methods and procedures for a variety of situations	0.5	1	-	-
	PC16.	Create efficient work practices to minimize waste	0.5	1	-	-
	PC17.	Interpret technical terminology and symbols	0.5	1	-	-
	PC18.	Work with a high degree of accuracy and precision on fine and delicate pieces	1	3	-	-
	PC19.	Operate machinery and tools in a manner that avoids risk to him/herself or others within the workshop	1	4	-	-
	PC20.	Gather relevant information, seek input from team members, and engage in effective dialogue to make informed decisions	0.5	1	-	-
	PC21.	Effectively communicate, provide, and receive feedback	0.5	1	-	-
Total Marks			13	29	-	-
Design jewellery components	PC1	Apply product knowledge to address customer requirements	1	1	-	-
	PC2	Propose alternative products and/or services to satisfy customer requirements and taking action to implement these	1	1	-	-
	PC3	Identify and interpret specifications	1	1	-	-
	PC4	Select equipment appropriate to the illustrating method and requirements and prepare or modify drawings	1	1	-	-
	PC5	Approve final illustration as per design information and process in accordance with procedures	1	1	-	-
	PC6	Identify purpose and needs, including design restraints, budget considerations, item end-use, proportions and desired features, available materials	1	1	-	-

	PC7	Develop research/ideas to a sufficient level to determine customer expectations and/or design outcomes	1	2	-	-
	PC8	Clearly communicate the degree to which the customer requirements can be met	1	1	-	-
	PC9	Communicate concepts in terms suitable to relevant customer or other contacts e.g., engineer, master pattern maker	1	1	-	-
	PC10	Document and maintain design processes, features, and design development notes relevant to the iterative process	1	1	-	-
	PC11	Use callouts as visual cues to quickly and efficiently communicate design intent and thought process	1	1	-	-
	PC12	Produce basic form drawings/sketches that accurately reflect the design concept; this can extend to shadow, and highlight techniques for emphasis to display jewellery design concepts and rendering illustrations	2	4	-	-
	PC13	Seek input from others who have relevant expertise or diverse perspectives,	1	1	-	-
	PC14	Engage in discussions, participate in forums, or consult with colleagues, mentors, or subject matter experts	1	1	-	-
	PC15	Identify and solve problems that may affect design form or functionality	2	3	-	-
	PC16	Apply product knowledge to address customer requirements	1	1	-	-
	PC17	Propose alternative products and/or services to satisfy customer requirements and taking action to implement these	1	1	-	-
	PC18	Identify and interpret specifications	1	1	-	-
	PC19	Select equipment appropriate to the illustrating method and requirements and prepare or modify drawings	1	1	-	-
	PC20	Approve final illustration as per design information and process in accordance with procedures	1	1	-	-
	PC21	Identify purpose and needs, including design restraints, budget considerations, item end-use, proportions and desired features, available materials	1	1	-	-
	Total Marks		23	27		
NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes		Theory Marks	Practical Marks	Project Marks	Viva Marks
	PC1	Recognize authenticity and quality signs for precious metals	2	4		

Manufacture of precious metal alloys	PC2	Source precious metals of the correct price and quality for jewellery manufacture	2	4		
	PC3	Calculate the proportions and quantities of fine precious metals and base metals required for any predetermined amount of any recognized precious metal alloy	2	4		
	PC4	Cast precious metal alloy ingots and bars of any predetermined weight, with a minimum of residual impurities, ready to be milled or rolled in preparation for the manufacture of jewellery components	2	4		
	Total Marks		8	16		
Preparation of precious metal alloys for the manufacture of jewellery components	PC1	Manufacture precious metal sheet or square wire, and reduce to any pre-determined thickness using manual or electrically powered rolling mills	2	4		
	PC2	Manufacture and reduce the thickness of square or round wire in precious metal alloys to any pre-determined dimensions using drawing banks	2	4		
	PC3	Manufacture round wire from square wire, and reduce to any predetermined diameter using a drawing bank	2	4		
	PC4	Use basic mathematical formulas the calculate metal weights and reach desired dimensions	2	4		
	Total Marks		8	16		
Manufacture of both simple and complex jewellery components	PC1.	Manufacture Chenier/tubes and reduce to any predetermined diameters using a drawing bank	1	2		
	PC2.	Transform precious metal alloy sheet, wire or Chenier/tube into simple jewellery components employing bending, shaping, and forming to conform to any shape pre-determined by technical drawing or sample component	2	4		
	PC3.	Drill precious metals accurately to conform to any shape predetermined by technical drawings or sample component	1	2		
	PC4.	Transform simple jewellery components employing abrasive techniques such as milling, grinding, filing, ajour-sawing etc. to conform to any shape pre-determined by technical drawings or sample components	4	10		
	PC5.	Hammer, emboss, shape or dome precious metal sheets of appropriate thickness into low relief, to conform to any shapes predetermined by	4	8		

	technical drawings or sample components using appropriate doming tools				
	PC6. Manufacture settings for precious gemstones to conform to shapes or designs pre-determined by technical drawings or sample components	2	4		
	PC7. Manufacture functioning mechanisms for jewellery such as hinges, clasps, articulations, pressure snaps riveting and screw threads as determined by technical drawings or sample components, or of their own design	2	4		
	PC8. Ensure that manufactured functioning components can withstand constant use without sacrificing any mechanical properties	1	1		
	PC9. Assemble basic jewellery components and complex jewellery components into completed jewellery pieces by means of precious metal solder joins to conform to any designs pre-determined by technical drawing or sample components	4	8		
	PC10. Repair damaged or worn pieces of jewellery so that the restored pieces will be indistinguishable from their original aspect at the time of manufacture	2	4		
	Total Marks	23	47		
Surface finish	PC1. Remove marks, scratches, and surface imperfections throughout all stages of manufacture of simple and complex jewellery components and completed jewellery pieces before the application of final surface finishes	2	4		
	PC2. Finish surfaces at stages throughout the manufacturing process	2	4		
	PC3. Apply non-reflective 800ASA sandpaper (or equivalent) appropriate for critical evaluation and/or passing on to any subsequent phases of production requiring other jewellery' industry skills, such as casting, gem-setting, engraving, and polishing	2	4		
	PC4. Work in an organized and efficient manner to minimize loss of precious metals	2	4		
	PC5. Return all surplus metal and lemel/scrap to assess loss prior to recycling	2	4		
	Total Marks	10	20		
Grand Total		85	155		

Annexure: 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 SDSM/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:

- Confirm that the centre is available at the same address as mentioned on SDMS or SIP
- Check the duration of the training.
- Check the Assessment Start and End time to be as 10 a.m. and 5 p.m.
- If the batch size is more than 30 for STT and/ or 50 in RPL, then there should be 2 Assessors.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.
- Check the mode of assessment—Online (TAB/Computer) or Offline (OMR/PP).
- Confirm the number of TABs on the ground are correct to execute the Assessment smoothly.
- Check the availability of the Lab Equipment for the particular Job Role.

3. Assessment Quality Assurance levels / Framework:

- Question papers created by the SME verified by the other subject Matter Experts
- Questions are mapped with NOS and PC
- Question Bank covers all performance criteria (PC) under each NOS of a QP. Each question can cover one or more PCs. Which means that every question needs to be mapped with PC.
- There are sufficient number of questions in the question bank, where multiple questions are available for each PC. Typically, the number of questions should be 3 to 4 times the number of PCs.
- Each question bank has around 150 to 200 questions.
- Each question has a difficulty level mentioned against it and the question bank has a good mix of easy, medium and difficult questions. So, for example out of 200 Questions the proportion could be 25 difficult/ hard, 75 Medium and 100 Easy level questions.
- Other than the Multiple-choice question (MCQ) few questions are created for Practical and viva too. For e.g., for 150-200 QB contains approximately 10-15 Viva & 10-15 practical questions.

- Assessor must be ToA certified & trainer must be ToT Certified
 - Assessment agency must follow the assessment guidelines to conduct the assessment
4. Types of evidence or evidence-gathering protocol:
- Time-stamped & geotagged reporting of the assessor from assessment location
 - Center photographs with signboards and scheme specific branding
 - Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period
 - Time-stamped & geotagged assessment (Theory + Viva + Practical) photographs & videos
5. Method of verification or validation:
- Surprise visit to the assessment location
 - Random audit of the batch
 - Random audit of any candidate
6. Method for assessment documentation, archiving, and access
- Hard copies of the documents are stored
 - Soft copies of the documents & photographs of the assessment are uploaded / accessed from Cloud Storage
 - Soft copies of the documents & photographs of the assessment are stored in the Hard Drives

On the Job:

1. Each module (which covers the job profile of Assamese Tribal Jewellery Maker will be assessed separately.
2. The candidate must score 50% 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
 - Answer Sheets of Question Banks
 - Assessing the Log Book entries of Trainees at Employer location
 - Employer Performance Feedback.
4. Assessment of each Module will ensure that the candidate is able to:
 - Prepare tools and consumables for making Assamese tribal jewellery
 - Perform designing and making of Assamese tribal jewellery
 - Illustrate how to effectively work in a team to achieve quality and productivity within timelines
 - Comply with the guidelines for maintaining health and safety at workplace

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Annexure: 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