

Qualification Pack



Imitation Jewellery Maker

Options: Create Madhubani style imitation jewellery/ Make Kundan Jadau imitation jewellery/ Make oxidized imitation jewellery/ Apply cold Enamelling on imitation jewellery

QP Code: G&J/Q9203

Version: 1.0

NSQF Level: 2

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Qualification Pack

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G&J/Q9203: Imitation Jewellery Maker

Brief Job Description

An Imitation Jewellery Maker uses bead and stone setting techniques to create intricate designs, assemble various jewellery components, and pack and dispatch finished items. Additionally, the individual can also apply plating on the imitation jewellery, craft traditional jewellery from various regions of India, and create oxidised and enamelled imitation jewellery pieces.

Personal Attributes

The Imitation Jewellery Maker must be creative, detail-oriented, and capable of working with delicate materials and intricate designs. Additionally, the job requires the individual to have basic communication skills, the ability to work in a team, and a commitment to maintaining personal hygiene and safety standards while working in a jewellery-making environment.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [G&J/N9203: Imitation Jewellery making using various methods and techniques](#)
2. [G&J/N9204: Assemble different jewellery components](#)
3. [G&J/N9205: Pack and dispatch finished items](#)
4. [G&J/N9902: Maintain health and safety at workplace](#)
5. [DGT/VSQ/N0102: Employability Skills \(60 Hours\)](#)

Options(Not mandatory):

Option 1: Create Madhubani style imitation jewellery

This NOS outlines the comprehensive process of designing, selecting materials, crafting, and finishing jewellery to create a final product that aligns with specified design aesthetics and meets stringent quality standards

1. [G&J/N9206: Create Madhubani style imitation jewellery](#)

Option 2: Make Kundan Jadau imitation jewellery

This NOS covers the competencies required to create traditional Rajasthani Kundan Jadau imitation jewellery pieces.

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1. [G&J/N9207: Make Kundan Jadau imitation jewellery](#)

Option 3: Make oxidized imitation jewellery

This NOS is about crafting oxidised imitation jewellery by applying oxidation techniques and assembling the components to create finished jewellery pieces.

1. [G&J/N9208: Make oxidized imitation jewellery](#)

Option 4: Apply cold Enamelling on imitation jewellery

This NOS is about applying cold Enamelling techniques to imitation jewellery, ensuring proper surface preparation, accurate application and finishing to achieve aesthetically appealing products.

1. [G&J/N9209: Apply cold Enamelling on imitation jewellery](#)

Qualification Pack (QP) Parameters

Sector	Gem & Jewellery
Sub-Sector	Imitation Jewellery
Occupation	Component Making/Filling/Assembling , Metal Alloying and Rolling
Country	India
NSQF Level	2
Credits	13
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7313.0703
Minimum Educational Qualification & Experience	Ability to read and write
Minimum Level of Education for Training in School	Not Applicable
Pre-Requisite License or Training	NA
Minimum Job Entry Age	15 Years
Last Reviewed On	NA
Next Review Date	18/02/2028

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NSQC Approval Date	18/02/2025
Version	1.0
Reference code on NQR	QG-02-GJ-03611-2025-V1-GJSCI
NQR Version	1.0

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G&J/N9203: Imitation Jewellery making using various methods and techniques

Description

This OS covers the fundamentals of designing, work planning, and executing intricate beadwork techniques to create high-quality jewellery pieces that align with the design specifications, aesthetic requirements, and quality standards

Scope

The scope covers the following :

- Design and planning
- Use beadwork for making a jewellery piece
- Finishing the jewellery piece

Elements and Performance Criteria

Design and Planning

To be competent, the user/individual on the job must be able to:

- PC1.** develop jewellery designs incorporating traditional beadwork techniques, ensuring alignment with cultural patterns and modern aesthetics
- PC2.** choose beads, threads, base fabrics, and other components based on their compatibility with design requirements
- PC3.** evaluate materials for durability, colour fastness, and texture to ensure they complement each other and the intended design

Use beadwork for making a jewellery piece

To be competent, the user/individual on the job must be able to:

- PC4.** select appropriate beading techniques (e.g., peyote stitch, brick stitch, millefiori beading, Kuchi work) based on the desired design, material and level of complexity
- PC5.** prepare materials (e.g., beads, thread, needles, fabric) for beading work
- PC6.** experiment with different bead materials, colors, and sizes to achieve a variety of visual effects and styles
- PC7.** ensure secure attachment of beads using appropriate methods such as stitching, gluing, or setting, while maintaining aesthetic harmony
- PC8.** experiment with different materials, colors, and textures to achieve a variety of visual effects and styles

Finishing the jewellery piece

To be competent, the user/individual on the job must be able to:

- PC9.** integrate traditional beadwork with other jewellery techniques, such as painting or wire wrapping, to create cohesive and aesthetically pleasing designs
- PC10.** ensure that combined techniques are well-executed and enhance the functionality and visual appeal of the final product

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PC11. identify and rectify any defects or inconsistencies in beadwork, , or overall jewellery assembly, such as loose beads, uneven stitches, or misaligned components

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** historical and cultural significance of different beadwork patterns and how they influence contemporary designs
- KU2.** different types of beads, threads, and fabrics used in traditional beadwork and embroidery, including their properties (e.g., weight, colour fastness, texture)
- KU3.** various beadwork techniques, including specific patterns, stitches (e.g., peyote, brick, millefiori beading or spiral stitch), and types of beads (e.g., seed beads, glass beads) used in jewellery making
- KU4.** embroidery techniques like Cross Stitch, Chain Stitch, French Knot, Applique and Kantha Embroidery
- KU5.** thread types and stitching methods used in jewellery
- KU6.** how to integrate traditional beadwork and embroidery techniques with other jewellery-making styles, such as painted or wire-wrapped components
- KU7.** different types of beads, threads, and fabrics used in traditional beadwork and embroidery and their properties
- KU8.** compatibility of materials (e.g., beads, threads, paints, wires) with various techniques and how to achieve the best results
- KU9.** common defects in beadwork and embroidery, such as thread tension issues, bead alignment problems, or fabric fraying, and know the methods to address and correct them effectively

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate effectively with clients to understand their design preferences
- GS2.** collaborate with team members, sharing expertise on traditional beadwork techniques
- GS3.** innovate and adapt traditional beadwork to contemporary trends and client preferences
- GS4.** apply problem-solving skills to develop unique design solutions that incorporate traditional techniques effectively
- GS5.** manage time efficiently to meet production deadlines and client expectations
- GS6.** prioritise tasks related to beadwork and assembly to ensure timely completion of jewellery pieces
- GS7.** demonstrate flexibility in adopting new techniques, materials, and design trends to stay current with industry developments and client needs

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Design and Planning</i>	7	9	-	-
PC1. develop jewellery designs incorporating traditional beadwork techniques, ensuring alignment with cultural patterns and modern aesthetics	3	4	-	-
PC2. choose beads, threads, base fabrics, and other components based on their compatibility with design requirements	2	2	-	-
PC3. evaluate materials for durability, colour fastness, and texture to ensure they complement each other and the intended design	2	3	-	-
<i>Use beadwork for making a jewellery piece</i>	25	33	-	-
PC4. select appropriate beading techniques (e.g., peyote stitch, brick stitch, millefiori beading, Kuchi work) based on the desired design, material and level of complexity	5	7	-	-
PC5. prepare materials (e.g., beads, thread, needles, fabric) for beading work	5	5	-	-
PC6. experiment with different bead materials, colors, and sizes to achieve a variety of visual effects and styles	5	7	-	-
PC7. ensure secure attachment of beads using appropriate methods such as stitching, gluing, or setting, while maintaining aesthetic harmony	5	7	-	-
PC8. experiment with different materials, colors, and textures to achieve a variety of visual effects and styles	5	7	-	-
<i>Finishing the jewellery piece</i>	8	8	-	-
PC9. integrate traditional beadwork with other jewellery techniques, such as painting or wire wrapping, to create cohesive and aesthetically pleasing designs	3	1	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. ensure that combined techniques are well-executed and enhance the functionality and visual appeal of the final product	2	3	-	-
PC11. identify and rectify any defects or inconsistencies in beadwork, , or overall jewellery assembly, such as loose beads, uneven stitches, or misaligned components	3	4	-	-
NOS Total	40	50	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9203
NOS Name	Imitation Jewellery making using various methods and techniques
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling , Component Making/Filling/Assembling
NSQF Level	2
Credits	2
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

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G&J/N9204: Assemble different jewellery components

Description

This OS outlines the process of shaping, assembling, and finishing various jewellery components to create a final, high-quality imitation piece that meets design specifications and quality standards

Scope

The scope covers the following :

- Prepare jewellery components for assembling
- Join and assemble components
- Fix stones on jewellery frame
- Finish the assembled jewellery

Elements and Performance Criteria

Prepare jewellery components for assembling

To be competent, the user/individual on the job must be able to:

- PC1.** collect pre-casted and plated metal base and other tools for imitation jewellery making
- PC2.** inspect each component for defects such as cracks, dis-colouration, or misalignment
- PC3.** ensure that all components match the required size, shape, and design before assembly
- PC4.** prepare components by cleaning, smoothing, or filing edges for proper fitting
- PC5.** arrange the components in the order they need to be assembled for efficient workflow

Join and assemble components

To be competent, the user/individual on the job must be able to:

- PC6.** inspect the soldered areas to ensure they are clean, smooth, and without excess material
- PC7.** use adhesive when necessary to securely join delicate or intricate components
- PC8.** use rivets to secure components together, especially for metal jewellery pieces
- PC9.** use crimp beads to secure smaller elements onto wires or cords
- PC10.** perform wire wrapping to secure beads, pendants, or other components with decorative touches
- PC11.** use jump rings to connect various components such as charms, pendants, or chains
- PC12.** attach findings, such as ear wires, headpins, and eye pins, to connect and secure jewellery parts
- PC13.** use knots for connecting soft materials like threads or cords
- PC14.** use beading techniques, such as stringing and weaving, to create various types of jewellery
- PC15.** rework any misaligned or insecure parts to ensure the final piece is flawless

Fix stones on jewellery frame

To be competent, the user/individual on the job must be able to:

- PC16.** select a suitable setting for the stone, such as a prong setting, bezel setting, or channel setting

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PC17. attach the stones securely using a suitable adhesive, if required

PC18. ensure no dis-colouration or breakage of stones during setting

PC19. gently test the stone to ensure it is securely set and does not move

Finish the assembled jewellery

To be competent, the user/individual on the job must be able to:

PC20. check the jewellery piece for alignment, symmetry, and aesthetic appeal after finishing

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. different types of jewellery products, such as rings, bracelets, pendants, etc.

KU2. basic principles of jewellery design and how different components fit together

KU3. various tools used for shaping imitation jewellery components (e.g., files, cutters, pliers)

KU4. various tools used for shaping imitation jewellery components (e.g., files, cutters, pliers)

KU5. cleaning and smoothing of jewellery surfaces

KU6. various wire wrapping techniques, such as coil wrapping, peyote stitch, and herringbone stitch

KU7. beading techniques, such as stringing and weaving

KU8. importance of alignment and symmetry when assembling jewellery pieces

KU9. different methods of stone setting (e.g., prong setting, bezel setting, channel setting)

KU10. various knots, such as the square knot, half hitch, lark's head knot and macrame knots

KU11. different finishing methods

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. communicate with supervisors or clients to understand design specifications and requirements

GS2. communicate with supervisors or clients to understand design specifications and requirements

GS3. manage time effectively to meet deadlines for assembling and finishing jewellery pieces

GS4. pay attention to detail when shaping, assembling, and finishing jewellery components

GS5. use problem-solving skills to address issues such as defects or misaligned components

GS6. apply numeracy skills to measure and align components accurately during assembly

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prepare jewellery components for assembling</i>	7	13	-	-
PC1. collect pre-casted and plated metal base and other tools for imitation jewellery making	1	2	-	-
PC2. inspect each component for defects such as cracks, dis-colouration, or misalignment	2	3	-	-
PC3. ensure that all components match the required size, shape, and design before assembly	1	2	-	-
PC4. prepare components by cleaning, smoothing, or filing edges for proper fitting	1	4	-	-
PC5. arrange the components in the order they need to be assembled for efficient workflow	2	2	-	-
<i>Join and assemble components</i>	12	30	-	-
PC6. inspect the soldered areas to ensure they are clean, smooth, and without excess material	2	2	-	-
PC7. use adhesive when necessary to securely join delicate or intricate components	1	3	-	-
PC8. use rivets to secure components together, especially for metal jewellery pieces	1	3	-	-
PC9. use crimp beads to secure smaller elements onto wires or cords	1	3	-	-
PC10. perform wire wrapping to secure beads, pendants, or other components with decorative touches	1	4	-	-
PC11. use jump rings to connect various components such as charms, pendants, or chains	1	3	-	-
PC12. attach findings, such as ear wires, headpins, and eye pins, to connect and secure jewellery parts	1	4	-	-
PC13. use knots for connecting soft materials like threads or cords	1	4	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. use beading techniques, such as stringing and weaving, to create various types of jewellery	1	3	-	-
PC15. rework any misaligned or insecure parts to ensure the final piece is flawless	2	1	-	-
<i>Fix stones on jewellery frame</i>	7	9	-	-
PC16. select a suitable setting for the stone, such as a prong setting, bezel setting, or channel setting	2	2	-	-
PC17. attach the stones securely using a suitable adhesive, if required	1	3	-	-
PC18. ensure no dis-colouration or breakage of stones during setting	2	2	-	-
PC19. gently test the stone to ensure it is securely set and does not move	2	2	-	-
<i>Finish the assembled jewellery</i>	4	9	-	-
PC20. check the jewellery piece for alignment, symmetry, and aesthetic appeal after finishing	4	9	-	-
NOS Total	30	61	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9204
NOS Name	Assemble different jewellery components
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling , Component Making/Filling/Assembling
NSQF Level	2
Credits	3
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

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G&J/N9205: Pack and dispatch finished items

Description

This OS outlines the procedures for packing and dispatching finished imitation jewellery.

Scope

The scope covers the following :

- Prepare finished jewellery for packing
- Pack imitation jewellery using appropriate materials
- Dispatch and record shipment details

Elements and Performance Criteria

Prepare finished jewellery for packing

To be competent, the user/individual on the job must be able to:

- PC1.** match the type, weight, and number of jewellery pieces as mentioned in the order receipt or production plan
- PC2.** record details such as order number, design, size, weight, colour, and type for each piece
- PC3.** ensure that the recorded information matches the product specifications and the order
- PC4.** double-check the accuracy of the details before proceeding to the packing stage
- PC5.** make complete and accurate entries on tags and labels following the company policy

Pack jewellery using appropriate materials

To be competent, the user/individual on the job must be able to:

- PC6.** select appropriate packing materials such as bubble wrap, boxes, or cushioning depending on the type of jewellery and shipping destination
- PC7.** seal the package securely to avoid tampering or damage during transportation
- PC8.** tag the package with relevant details or printed labels, to ensure traceability
- PC9.** ensure that labels include details such as product type, order number, and customer details
- PC10.** label the package with clear instructions for handling, such as "Fragile" or "Handle with Care," as needed

Dispatch and record shipment details

To be competent, the user/individual on the job must be able to:

- PC11.** arrange for the dispatch of the packaged jewellery through the appropriate shipping channel
- PC12.** report any potential delays or issues in the dispatch process to the relevant team members or supervisors
- PC13.** maintain a log of dispatch details following the company's standard operating procedures (SOP)

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

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- KU1.** work flow involved in jewellery manufacturing process of the company
- KU2.** procedures for recording order details
- KU3.** different types of labels and tags used for jewellery packaging
- KU4.** company policies for making accurate tags and labels
- KU5.** industry standards for recording and maintaining order and packaging details
- KU6.** different types of packing materials suitable for imitation jewellery
- KU7.** best practices for packing delicate and fragile items securely
- KU8.** packaging standards, including protection against environmental factors
- KU9.** company's standard operating procedures (SOP) for dispatch and record-keeping

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate effectively with stakeholders and team members to ensure a smooth workflow
- GS2.** use attention to detail to ensure accuracy in recording order and dispatch details
- GS3.** manage time effectively to ensure orders are packed and dispatched within the required time frame
- GS4.** use problem-solving skills to address any issues arising during the packaging process
- GS5.** adhere to basic work ethics such as punctuality, discipline, and consistency
- GS6.** make decisions concerning the relevant area of work

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prepare finished jewellery for packing</i>	16	19	-	-
PC1. match the type, weight, and number of jewellery pieces as mentioned in the order receipt or production plan	4	4	-	-
PC2. record details such as order number, design, size, weight, colour, and type for each piece	3	4	-	-
PC3. ensure that the recorded information matches the product specifications and the order	3	3	-	-
PC4. double-check the accuracy of the details before proceeding to the packing stage	3	4	-	-
PC5. make complete and accurate entries on tags and labels following the company policy	3	4	-	-
<i>Pack jewellery using appropriate materials</i>	15	22	-	-
PC6. select appropriate packing materials such as bubble wrap, boxes, or cushioning depending on the type of jewellery and shipping destination	3	4	-	-
PC7. seal the package securely to avoid tampering or damage during transportation	3	4	-	-
PC8. tag the package with relevant details or printed labels, to ensure traceability	3	5	-	-
PC9. ensure that labels include details such as product type, order number, and customer details	3	4	-	-
PC10. label the package with clear instructions for handling, such as "Fragile" or "Handle with Care," as needed	3	5	-	-
<i>Dispatch and record shipment details</i>	9	9	-	-
PC11. arrange for the dispatch of the packaged jewellery through the appropriate shipping channel	3	3	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. report any potential delays or issues in the dispatch process to the relevant team members or supervisors	3	3	-	-
PC13. maintain a log of dispatch details following the company's standard operating procedures (SOP)	3	3	-	-
NOS Total	40	50	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9205
NOS Name	Pack and dispatch finished items
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling , Component Making/Filling/Assembling
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Qualification Pack

G&J/N9902: Maintain health and safety at workplace

Description

This OS unit is about being aware of, communicating and taking steps towards minimizing potential hazards and maintaining health and safety at workplace.

Scope

The scope covers the following :

- Health, hygiene and safety in work area
- Fire safety
- Emergencies, rescue and first aid procedures
- Waste management

Elements and Performance Criteria

Health, hygiene and safety in work area

To be competent, the user/individual on the job must be able to:

- PC1.** follow regular cleaning and disinfection practices at work place using appropriate techniques and materials
- PC2.** follow hand hygiene practices at work place using appropriate techniques and materials
- PC3.** follow alternative ways of conducting meeting and organizing event to ensure safety
- PC4.** follow contactless attendance system
- PC5.** report regarding the contagious illness of self or people in close contact
- PC6.** use appropriate protective clothing/ equipment for specific tasks
- PC7.** identify hazardous activities and the possible causes of risks or accidents in the workplace
- PC8.** follow safe working practices while dealing with hazards to ensure safety of self and others
- PC9.** maintain appropriate working postures to minimize occupational health related issues

Fire safety

To be competent, the user/individual on the job must be able to:

- PC10.** use appropriate type of fire extinguisher
- PC11.** apply appropriate rescue techniques during fire hazard
- PC12.** ensure good housekeeping in order to prevent fire hazards

Emergencies, rescue and first aid procedures

To be competent, the user/individual on the job must be able to:

- PC13.** provide appropriate first aid procedure to victims wherever required eg.in case of bleeding, burns, choking, electric shock etc.
- PC14.** respond promptly and appropriately to an accident or medical emergency.
- PC15.** follow emergency procedures such as raising alarm, safe evacuation etc.

Waste management

To be competent, the user/individual on the job must be able to:

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- PC16.** identify recyclable, non-recyclable and hazardous waste
- PC17.** collect the segregated waste - at designated space
- PC18.** dispose non-recyclable waste appropriately and deposit recyclable and reusable material at identified location

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** company's policies on safety, hazards and personnel management
- KU2.** signages that refer to health and safety in work place
- KU3.** the reporting structure
- KU4.** health and safety hazards commonly present in the work place and related precautions
- KU5.** preventative and remedial actions to be taken in case of exposure to toxic material
- KU6.** methods of accident prevention
- KU7.** how different chemicals react and the related hazards
- KU8.** how to use machines and tools without causing any accident
- KU9.** importance of using protective clothing/ equipment while working
- KU10.** precautionary activities to prevent the fire accident
- KU11.** various causes of fire
- KU12.** techniques of using different fire extinguishers
- KU13.** different materials used for extinguishing fire
- KU14.** rescue techniques applied during a fire hazard
- KU15.** various types of safety signs and their meaning
- KU16.** appropriate basic first aid treatment relevant to different condition e.g. bleeding, minor burns, eye injuries etc.,
- KU17.** casualty lifting in case of an accident
- KU18.** usage of different colors of dustbins.
- KU19.** categorization of waste into dry, wet, recyclable, non-recyclable and items of single-use plastics.
- KU20.** waste management and methods of waste disposal.

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** read and comprehend labels, charts, signages
- GS2.** read and comprehend manuals of operations
- GS3.** communicate effectively, the risk of not following safety measures
- GS4.** respond to emergencies/accidents, by taking an appropriate and timely decision
- GS5.** organize work schedule, work area, tools, equipment and material to minimize health and safety risk

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- GS6.** ensure appropriate action in case of any emergencies, accidents or fire at the work location
- GS7.** analyze untoward incidents from the past and follow correct procedures in handling machines, tools or hazardous chemicals
- GS8.** critically analyze the processes carried out by self and colleagues in the department to spot potential hazards and safety issues
- GS9.** record data on waste disposal at workplace.
- GS10.** complete statutory documents relevant to safety and hygiene.

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Health, hygiene and safety in work area</i>	9	16	-	-
PC1. follow regular cleaning and disinfection practices at work place using appropriate techniques and materials	1	2	-	-
PC2. follow hand hygiene practices at work place using appropriate techniques and materials	1	2	-	-
PC3. follow alternative ways of conducting meeting and organizing event to ensure safety	1	2	-	-
PC4. follow contactless attendance system	1	1	-	-
PC5. report regarding the contagious illness of self or people in close contact	1	2	-	-
PC6. use appropriate protective clothing/ equipment for specific tasks	1	2	-	-
PC7. identify hazardous activities and the possible causes of risks or accidents in the workplace	1	2	-	-
PC8. follow safe working practices while dealing with hazards to ensure safety of self and others	1	1	-	-
PC9. maintain appropriate working postures to minimize occupational health related issues	1	2	-	-
<i>Fire safety</i>	3	6	-	-
PC10. use appropriate type of fire extinguisher	1	3	-	-
PC11. apply appropriate rescue techniques during fire hazard	1	2	-	-
PC12. ensure good housekeeping in order to prevent fire hazards	1	1	-	-
<i>Emergencies, rescue and first aid procedures</i>	3	4	-	-
PC13. provide appropriate first aid procedure to victims wherever required eg.in case of bleeding, burns, choking, electric shock etc.	1	1	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. respond promptly and appropriately to an accident or medical emergency.	1	2	-	-
PC15. follow emergency procedures such as raising alarm, safe evacuation etc.	1	1	-	-
<i>Waste management</i>	3	6	-	-
PC16. identify recyclable, non-recyclable and hazardous waste	1	2	-	-
PC17. collect the segregated waste - at designated space	1	2	-	-
PC18. dispose non-recyclable waste appropriately and deposit recyclable and reusable material at identified location	1	2	-	-
NOS Total	18	32	-	-

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9902
NOS Name	Maintain health and safety at workplace
Sector	Gem & Jewellery
Sub-Sector	Handmade Gold and Gems-set Jewellery, Gemstone Processing, Silver Smithing, Jewellery Retail, Cast and diamonds-set jewellery, Imitation Jewellery, Diamond Processing
Occupation	Generic
NSQF Level	3
Credits	1
Version	5.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Qualification Pack

DGT/VSQ/N0102: Employability Skills (60 Hours)

Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

Scope

The scope covers the following :

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

Elements and Performance Criteria

Introduction to Employability Skills

To be competent, the user/individual on the job must be able to:

- PC1.** identify employability skills required for jobs in various industries
- PC2.** identify and explore learning and employability portals

Constitutional values – Citizenship

To be competent, the user/individual on the job must be able to:

- PC3.** recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.
- PC4.** follow environmentally sustainable practices

Becoming a Professional in the 21st Century

To be competent, the user/individual on the job must be able to:

- PC5.** recognize the significance of 21st Century Skills for employment
- PC6.** practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life

Basic English Skills

To be competent, the user/individual on the job must be able to:

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- PC7.** use basic English for everyday conversation in different contexts, in person and over the telephone
- PC8.** read and understand routine information, notes, instructions, mails, letters etc. written in English
- PC9.** write short messages, notes, letters, e-mails etc. in English

Career Development & Goal Setting

To be competent, the user/individual on the job must be able to:

- PC10.** understand the difference between job and career
- PC11.** prepare a career development plan with short- and long-term goals, based on aptitude

Communication Skills

To be competent, the user/individual on the job must be able to:

- PC12.** follow verbal and non-verbal communication etiquette and active listening techniques in various settings
- PC13.** work collaboratively with others in a team

Diversity & Inclusion

To be competent, the user/individual on the job must be able to:

- PC14.** communicate and behave appropriately with all genders and PwD
- PC15.** escalate any issues related to sexual harassment at workplace according to POSH Act

Financial and Legal Literacy

To be competent, the user/individual on the job must be able to:

- PC16.** select financial institutions, products and services as per requirement
- PC17.** carry out offline and online financial transactions, safely and securely
- PC18.** identify common components of salary and compute income, expenses, taxes, investments etc
- PC19.** identify relevant rights and laws and use legal aids to fight against legal exploitation

Essential Digital Skills

To be competent, the user/individual on the job must be able to:

- PC20.** operate digital devices and carry out basic internet operations securely and safely
- PC21.** use e- mail and social media platforms and virtual collaboration tools to work effectively
- PC22.** use basic features of word processor, spreadsheets, and presentations

Entrepreneurship

To be competent, the user/individual on the job must be able to:

- PC23.** identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research
- PC24.** develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion
- PC25.** identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity

Customer Service

To be competent, the user/individual on the job must be able to:

- PC26.** identify different types of customers
- PC27.** identify and respond to customer requests and needs in a professional manner.

Qualification Pack

PC28. follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

To be competent, the user/individual on the job must be able to:

PC29. create a professional Curriculum vitae (Résumé)

PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively

PC31. apply to identified job openings using offline /online methods as per requirement

PC32. answer questions politely, with clarity and confidence, during recruitment and selection

PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. need for employability skills and different learning and employability related portals

KU2. various constitutional and personal values

KU3. different environmentally sustainable practices and their importance

KU4. Twenty first (21st) century skills and their importance

KU5. how to use English language for effective verbal (face to face and telephonic) and written communication in formal and informal set up

KU6. importance of career development and setting long- and short-term goals

KU7. about effective communication

KU8. POSH Act

KU9. Gender sensitivity and inclusivity

KU10. different types of financial institutes, products, and services

KU11. how to compute income and expenditure

KU12. importance of maintaining safety and security in offline and online financial transactions

KU13. different legal rights and laws

KU14. different types of digital devices and the procedure to operate them safely and securely

KU15. how to create and operate an e- mail account and use applications such as word processors, spreadsheets etc.

KU16. how to identify business opportunities

KU17. types and needs of customers

KU18. how to apply for a job and prepare for an interview

KU19. apprenticeship scheme and the process of registering on apprenticeship portal

Generic Skills (GS)

User/individual on the job needs to know how to:

GS1. read and write different types of documents/instructions/correspondence

GS2. communicate effectively using appropriate language in formal and informal settings

Qualification Pack

- GS3.** behave politely and appropriately with all
- GS4.** how to work in a virtual mode
- GS5.** perform calculations efficiently
- GS6.** solve problems effectively
- GS7.** pay attention to details
- GS8.** manage time efficiently
- GS9.** maintain hygiene and sanitization to avoid infection

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. identify employability skills required for jobs in various industries	-	-	-	-
PC2. identify and explore learning and employability portals	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC3. recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.	-	-	-	-
PC4. follow environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	2	4	-	-
PC5. recognize the significance of 21st Century Skills for employment	-	-	-	-
PC6. practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC7. use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-	-
PC8. read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-
PC9. write short messages, notes, letters, e-mails etc. in English	-	-	-	-
<i>Career Development & Goal Setting</i>	1	2	-	-

Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. understand the difference between job and career	-	-	-	-
PC11. prepare a career development plan with short- and long-term goals, based on aptitude	-	-	-	-
<i>Communication Skills</i>	2	2	-	-
PC12. follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-	-
PC13. work collaboratively with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	2	-	-
PC14. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC15. escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-	-
<i>Financial and Legal Literacy</i>	2	3	-	-
PC16. select financial institutions, products and services as per requirement	-	-	-	-
PC17. carry out offline and online financial transactions, safely and securely	-	-	-	-
PC18. identify common components of salary and compute income, expenses, taxes, investments etc	-	-	-	-
PC19. identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-	-
<i>Essential Digital Skills</i>	3	4	-	-
PC20. operate digital devices and carry out basic internet operations securely and safely	-	-	-	-
PC21. use e- mail and social media platforms and virtual collaboration tools to work effectively	-	-	-	-
PC22. use basic features of word processor, spreadsheets, and presentations	-	-	-	-

Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Entrepreneurship</i>	2	3	-	-
PC23. identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	-	-	-	-
PC24. develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-	-
PC25. identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	-	-	-	-
<i>Customer Service</i>	1	2	-	-
PC26. identify different types of customers	-	-	-	-
PC27. identify and respond to customer requests and needs in a professional manner.	-	-	-	-
PC28. follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship & Jobs</i>	2	3	-	-
PC29. create a professional Curriculum vitae (Résumé)	-	-	-	-
PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-	-
PC31. apply to identified job openings using offline /online methods as per requirement	-	-	-	-
PC32. answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-	-
PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-	-
NOS Total	20	30	-	-

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0102
NOS Name	Employability Skills (60 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	4
Credits	2
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Qualification Pack

G&J/N9206: Create Madhubani style imitation jewellery

Description

This OS outlines the comprehensive process of designing, selecting materials, crafting, and finishing jewellery to create a final product that aligns with specified design aesthetics and meets stringent quality standards

Scope

The scope covers the following :

- Arrange appropriate raw materials
- Craft jewellery items
- Finishing and quality control

Elements and Performance Criteria

Arrange appropriate raw materials

To be competent, the user/individual on the job must be able to:

- PC1.** develop intricate Madhubani designs suitable for painting on jewellery pieces, including patterns, motifs, and colour schemes
- PC2.** prepare surfaces of jewellery components (e.g., metal, resin) for painting, ensuring proper priming and smoothing
- PC3.** identify and source materials that mimic traditional Madhubani styles and colours

Craft jewellery items

To be competent, the user/individual on the job must be able to:

- PC4.** apply base coats and undercoats to jewellery components, following the design specifications
- PC5.** apply Madhubani motifs and patterns accurately onto imitation jewellery using traditional colours like red, yellow, green, and black
- PC6.** apply the colours using a fine brush to create intricate patterns and motifs and add details like dots, lines, and borders to enhance the design
- PC7.** allow the painted jewellery to dry completely before adding components like beads, chains, or clasps as needed
- PC8.** select appropriate beads (e.g., glass, acrylic, wooden) and create patterns and layouts inspired by Madhubani motifs and colour schemes
- PC9.** use techniques such as knotting, weaving, or stringing to secure beads and create stable, aesthetically pleasing designs
- PC10.** use glue to attach stones to their appropriate positions
- PC11.** select appropriate wires based on the design and functionality of the jewellery
- PC12.** ensure precise wire wrapping to maintain both aesthetic and functional aspects, and finish by trimming and smoothing wire ends for comfort and a polished appearance

Finishing and control quality

To be competent, the user/individual on the job must be able to:

Qualification Pack

- PC13.** perform finishing and final touches to enhance the jewellery's appearance
- PC14.** conduct quality checks to ensure that the jewellery meets design and craftsmanship standards

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** history, cultural significance, and typical motifs of Madhubani art colour theory and its application in Madhubani designs
- KU2.** traditional Madhubani painting techniques, including line work, colour use, and symbolic motifs
- KU3.** innovative Madhubani-inspired designs for painted, beaded, and wire-wrapped jewellery
- KU4.** various paints and their properties, such as acrylics, enamels, and their suitability for different surfaces
- KU5.** techniques for preparing different surfaces (metal, resin) for painting, including priming and smoothing
- KU6.** quality control processes and methods for assessing finished products

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate with supervisors or clients to understand design specifications and requirements
- GS2.** work collaboratively with team members to ensure smooth assembly and avoid delays
- GS3.** apply numeracy skills to measure and align components accurately during assembly
- GS4.** apply problem-solving skills to develop unique design solutions that address specific challenges or client needs
- GS5.** utilise effective verbal and written communication skills to interact with clients, team members, and stakeholder
- GS6.** manage time efficiently to meet production deadlines and fulfil client expectations
- GS7.** prioritise tasks effectively

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Arrange appropriate raw materials</i>	10	12	-	-
PC1. develop intricate Madhubani designs suitable for painting on jewellery pieces, including patterns, motifs, and colour schemes	4	4	-	-
PC2. prepare surfaces of jewellery components (e.g., metal, resin) for painting, ensuring proper priming and smoothing	3	4	-	-
PC3. identify and source materials that mimic traditional Madhubani styles and colours	3	4	-	-
<i>Craft jewellery items</i>	26	32	-	-
PC4. apply base coats and undercoats to jewellery components, following the design specifications	3	4	-	-
PC5. apply Madhubani motifs and patterns accurately onto imitation jewellery using traditional colours like red, yellow, green, and black	3	4	-	-
PC6. apply the colours using a fine brush to create intricate patterns and motifs and add details like dots, lines, and borders to enhance the design	3	4	-	-
PC7. allow the painted jewellery to dry completely before adding components like beads, chains, or clasps as needed	3	3	-	-
PC8. select appropriate beads (e.g., glass, acrylic, wooden) and create patterns and layouts inspired by Madhubani motifs and colour schemes	3	3	-	-
PC9. use techniques such as knotting, weaving, or stringing to secure beads and create stable, aesthetically pleasing designs	3	4	-	-
PC10. use glue to attach stones to their appropriate positions	3	3	-	-

Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. select appropriate wires based on the design and functionality of the jewellery	2	3	-	-
PC12. ensure precise wire wrapping to maintain both aesthetic and functional aspects, and finish by trimming and smoothing wire ends for comfort and a polished appearance	3	4	-	-
<i>Finishing and control quality</i>	4	6	-	-
PC13. perform finishing and final touches to enhance the jewellery's appearance	2	3	-	-
PC14. conduct quality checks to ensure that the jewellery meets design and craftsmanship standards	2	3	-	-
NOS Total	40	50	-	-

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9206
NOS Name	Create Madhubani style imitation jewellery
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Qualification Pack

G&J/N9207: Make Kundan Jadau imitation jewellery

Description

This OS covers the competencies required to create traditional Rajasthani Kundan Jadau imitation jewellery pieces

Scope

The scope covers the following :

- Select and prepare materials
- Assemble the components of Kundan Jadau imitation jewellery
- Polish and finish the jewellery piece

Elements and Performance Criteria

Select and prepare materials

To be competent, the user/individual on the job must be able to:

- PC1.** identify tools and materials required for creating Kundan Jadau imitation jewellery, e.g., wires or chains, sheets, balls, collets, etc.
- PC2.** organise the workstation by arranging tools like tweezers, stone-setting needles, metal blocks, hammers, and safety equipment
- PC3.** choose glass stones that mimic the look of precious stones like diamonds, emeralds, or rubies (polka stones)
- PC4.** sort the artificial kundan stones based on size and colour
- PC5.** prepare the metal base, ensuring it is smooth and free of defects

Assemble the components of Kundan Jadau imitation jewellery

To be competent, the user/individual on the job must be able to:

- PC6.** place the artificial stones in the appropriate cavities on casted metal frames
- PC7.** use a lac-based foundation (or similar adhesive) to secure stones into the metal framework, ensuring uniformity in the setting
- PC8.** apply pressure carefully to set stones and prevent damage to both stones and the metal surface
- PC9.** assemble various jewellery components, including chains, clasps, and decorative links, ensuring they are securely attached
- PC10.** check for design accuracy and make necessary adjustments

Polish and finish the jewellery piece

To be competent, the user/individual on the job must be able to:

- PC11.** remove any excess adhesive or debris from the piece
- PC12.** polish the assembled jewellery piece to achieve a smooth, glossy finish

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

Qualification Pack

- KU1.** history and traditions of Kundan Jadau jewellery
- KU2.** workflow involved in the company's imitation jewellery manufacturing process
- KU3.** principles of design and composition in artificial Kundan Jadau jewellery
- KU4.** uses of different types of tools used in wire drawing and rolling, such as rulers, draw plates, pliers, hammers, cutters, etc.
- KU5.** methods for connecting different components of the imitation jewellery
- KU6.** different types of adhesives used in imitation jewellery making
- KU7.** common mistakes in the assembly process and how to correct them

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate effectively with team members and clients to understand design requirements
- GS2.** read and interpret job sheets and design specifications
- GS3.** manage time efficiently to meet production deadlines
- GS4.** pay attention to detail and ensure high levels of craftsmanship
- GS5.** resolve issues such as misalignment of stones, incorrect assembly, or last-minute changes in design specifications
- GS6.** effectively manage time to ensure timely delivery of the final product without compromising quality
- GS7.** demonstrate flexibility in adopting new techniques, materials, and design trends to stay current with industry developments and client needs

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Select and prepare materials</i>	19	22	-	-
PC1. identify tools and materials required for creating Kundan Jadau imitation jewellery, e.g., wires or chains, sheets, balls, collets, etc.	4	4	-	-
PC2. organise the workstation by arranging tools like tweezers, stone-setting needles, metal blocks, hammers, and safety equipment	4	4	-	-
PC3. choose glass stones that mimic the look of precious stones like diamonds, emeralds, or rubies (polka stones)	3	4	-	-
PC4. sort the artificial kundan stones based on size and colour	4	5	-	-
PC5. prepare the metal base, ensuring it is smooth and free of defects	4	5	-	-
<i>Assemble the components of Kundan Jadau imitation jewellery</i>	15	20	-	-
PC6. place the artificial stones in the appropriate cavities on casted metal frames	3	4	-	-
PC7. use a lac-based foundation (or similar adhesive) to secure stones into the metal framework, ensuring uniformity in the setting	3	4	-	-
PC8. apply pressure carefully to set stones and prevent damage to both stones and the metal surface	3	4	-	-
PC9. assemble various jewellery components, including chains, clasps, and decorative links, ensuring they are securely attached	3	4	-	-
PC10. check for design accuracy and make necessary adjustments	3	4	-	-
<i>Polish and finish the jewellery piece</i>	6	8	-	-
PC11. remove any excess adhesive or debris from the piece	3	4	-	-

Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. polish the assembled jewellery piece to achieve a smooth, glossy finish	3	4	-	-
NOS Total	40	50	-	-

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9207
NOS Name	Make Kundan Jadau imitation jewellery
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Qualification Pack

G&J/N9208: Make oxidized imitation jewellery

Description

This OS is about crafting oxidized imitation jewellery by applying oxidation techniques and assembling the components to create finished jewellery pieces.

Scope

The scope covers the following :

- Conduct the oxidation process
- Assemble and finish the oxidized imitation jewellery

Elements and Performance Criteria

• *Conduct the oxidation process*

To be competent, the user/individual on the job must be able to:

- PC1.** collect the metal bases from the supervisor
- PC2.** select appropriate tools and equipment required for the oxidizing process
- PC3.** pre-clean the jewellery piece to ensure it is free of any coatings or substances that may interfere with the oxidation process
- PC4.** choose the appropriate oxidizing agents for the metal being used
- PC5.** prepare the oxidizing solution following safety guidelines and wearing appropriate protective gear
- PC6.** apply the oxidizing agent evenly to the metal surface using a brush, cotton ball or by immersing the metal in the solution
- PC7.** monitor the oxidation process to achieve the desired finish (darkness or patina)
- PC8.** dry the oxidised jewellery pieces
- PC9.** neutralise the oxidising agent by rinsing the metal with water or another neutralising solution
- PC10.** polish certain areas to enhance contrast and create the characteristic "antique" effect

• *Assemble and finish the oxidised imitation jewellery*

To be competent, the user/individual on the job must be able to:

- PC11.** attach other components (beads, stones, etc.) to the oxidised base using adhesives or wires
- PC12.** assemble different jewellery components (such as chains, clasps, and pendants) using appropriate tools like pliers, etc.
- PC13.** perform a quality check to ensure the durability and aesthetic appeal of the finished piece
- PC14.** perform a quality check to ensure the durability and aesthetic appeal of the finished piece

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** properties and types of metals used in oxidized imitation jewellery

Qualification Pack

- KU2.** different oxidising agents such as acidic oxides, liver of sulphur
- KU3.** chemical reactions involved in the oxidation process
- KU4.** health, safety, and environmental guidelines for working with chemicals and tools in jewellery making
- KU5.** techniques for achieving different levels of patina or antique finishes on metal
- KU6.** stone-setting techniques and adhesives suitable for oxidised surfaces
- KU7.** methods for preserving oxidised surfaces to prevent further corrosion or tarnishing
- KU8.** quality standards and specifications for oxidised imitation jewellery
- KU9.** processes for reporting defects and errors during production

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate effectively with team members and clients to understand design requirements
- GS2.** read and interpret job sheets and design specifications
- GS3.** plan and organise tasks to meet production deadlines
- GS4.** problem-solve during the assembly or oxidation process to ensure quality standards are met
- GS5.** maintain a high level of attention to detail while crafting and assembling jewellery
- GS6.** work efficiently to achieve the required finish while minimising the wastage of materials

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
• <i>Conduct the oxidation process</i>	28	36	-	-
PC1. collect the metal bases from the supervisor	4	3	-	-
PC2. select appropriate tools and equipment required for the oxidizing process	4	3	-	-
PC3. pre-clean the jewellery piece to ensure it is free of any coatings or substances that may interfere with the oxidation process	2	4	-	-
PC4. choose the appropriate oxidizing agents for the metal being used	2	4	-	-
PC5. prepare the oxidizing solution following safety guidelines and wearing appropriate protective gear	2	4	-	-
PC6. apply the oxidizing agent evenly to the metal surface using a brush, cotton ball or by immersing the metal in the solution	2	4	-	-
PC7. monitor the oxidation process to achieve the desired finish (darkness or patina)	3	3	-	-
PC8. dry the oxidised jewellery pieces	3	3	-	-
PC9. neutralise the oxidising agent by rinsing the metal with water or another neutralising solution	3	4	-	-
PC10. polish certain areas to enhance contrast and create the characteristic "antique" effect	3	4	-	-
• <i>Assemble and finish the oxidised imitation jewellery</i>	12	14	-	-
PC11. attach other components (beads, stones, etc.) to the oxidised base using adhesives or wires	3	4	-	-
PC12. assemble different jewellery components (such as chains, clasps, and pendants) using appropriate tools like pliers, etc.	3	4	-	-

Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. perform a quality check to ensure the durability and aesthetic appeal of the finished piece	4	3	-	-
PC14. perform a quality check to ensure the durability and aesthetic appeal of the finished piece	2	3	-	-
NOS Total	40	50	-	-

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9208
NOS Name	Make oxidized imitation jewellery
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Qualification Pack

G&J/N9209: Apply cold Enamelling on imitation jewellery

Description

This OS is about applying cold enamelling techniques to imitation jewellery, ensuring proper surface preparation, accurate application and finishing to achieve aesthetically appealing products

Scope

The scope covers the following :

- Prepare jewellery surface for cold enamelling
- Apply cold enamel on imitation jewellery
- Finish and inspect the enamelled jewellery

Elements and Performance Criteria

• *Prepare jewellery surface for cold Enamelling*

To be competent, the user/individual on the job must be able to:

- PC1.** receive the design from the supervisor and understand the Enamelling requirement, i.e., colour combinations, type of surface to be prepared, areas for enamel painting, delivery schedule and methodology, etc.
- PC2.** inform supervisor if jewellery pieces received are defected
- PC3.** select appropriate tools and equipment required for the Enamelling process
- PC4.** clean and smooth the surface of the jewellery to remove any dirt, oil, or irregularities
- PC5.** apply a base coat or primer if required to enhance the adhesion of the enamel

• *Apply cold enamel on imitation jewellery*

To be competent, the user/individual on the job must be able to:

- PC6.** select appropriate cold enamel colours and materials based on design specifications
- PC7.** mix the enamel according to manufacturer guidelines, ensuring the correct ratio of resin and hardener
- PC8.** use jigs to hold the jewellery piece securely while painting
- PC9.** apply the enamel using the appropriate tools (such as brushes or droppers) in a precise and even manner
- PC10.** control the flow and thickness of the enamel to achieve the desired finish without overflow
- PC11.** layer different colours of enamel if required, ensuring each layer is cured properly before applying the next
- PC12.** use techniques like shading, gradients, or textured finishes to enhance the design
- PC13.** cure the enamel by allowing it to dry and harden in a controlled environment, following manufacturer guidelines

• *Finish and inspect the Enamelled jewellery*

To be competent, the user/individual on the job must be able to:

- PC14.** inspect the cured enamel for defects such as air bubbles, uneven application, or discolouration

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- PC15.** file and buff the enamelled jewellery piece to remove any excess enamel from areas where it is not required
- PC16.** attach other jewellery components like stones, beads, etc.
- PC17.** perform a final quality check, ensuring that the design, colour, finish and meet the required specifications

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** properties of materials used in imitation jewellery suitable for cold enamelling (metals, alloys, etc.)
- KU2.** jewellery making process and types of jewellery (product, styles, regional, traditional, making technique)
- KU3.** types and characteristics of cold enamel resins and hardeners
- KU4.** mixing ratios, curing times, and methods for applying cold enamel
- KU5.** health and safety guidelines for working with enamelling chemicals
- KU6.** reporting procedures for defects or production issues during the enamelling process
- KU7.** techniques for layering, shading, and texturing enamel on jewellery pieces
- KU8.** use of tools and equipment used for cold enamelling, such as brushes, droppers, files, buff, etc.
- KU9.** common defects in cold enamelling and methods to correct them
- KU10.** techniques for finishing enamelled jewellery

Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate effectively with team members and clients to understand design requirements
- GS2.** read and interpret job sheets and design specifications
- GS3.** plan and organise tasks to meet production deadlines
- GS4.** problem-solve during the assembly or oxidation process to ensure quality standards are met
- GS5.** maintain a high level of attention to detail while crafting and assembling jewellery
- GS6.** work efficiently to achieve the required finish while minimising the wastage of materials

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
• <i>Prepare jewellery surface for cold Enamelling</i>	13	14	-	-
PC1. receive the design from the supervisor and understand the Enamelling requirement, i.e., colour combinations, type of surface to be prepared, areas for enamel painting, delivery schedule and methodology, etc.	3	3	-	-
PC2. inform supervisor if jewellery pieces received are defected	2	2	-	-
PC3. select appropriate tools and equipment required for the Enamelling process	3	3	-	-
PC4. clean and smooth the surface of the jewellery to remove any dirt, oil, or irregularities	2	3	-	-
PC5. apply a base coat or primer if required to enhance the adhesion of the enamel	3	3	-	-
• <i>Apply cold enamel on imitation jewellery</i>	18	24	-	-
PC6. select appropriate cold enamel colours and materials based on design specifications	3	3	-	-
PC7. mix the enamel according to manufacturer guidelines, ensuring the correct ratio of resin and hardener	2	3	-	-
PC8. use jigs to hold the jewellery piece securely while painting	2	3	-	-
PC9. apply the enamel using the appropriate tools (such as brushes or droppers) in a precise and even manner	2	3	-	-
PC10. control the flow and thickness of the enamel to achieve the desired finish without overflow	2	3	-	-
PC11. layer different colours of enamel if required, ensuring each layer is cured properly before applying the next	3	3	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. use techniques like shading, gradients, or textured finishes to enhance the design	2	3	-	-
PC13. cure the enamel by allowing it to dry and harden in a controlled environment, following manufacturer guidelines	2	3	-	-
• <i>Finish and inspect the Enamelled jewellery</i>	9	12	-	-
PC14. inspect the cured enamel for defects such as air bubbles, uneven application, or discolouration	3	3	-	-
PC15. file and buff the enamelled jewellery piece to remove any excess enamel from areas where it is not required	2	3	-	-
PC16. attach other jewellery components like stones, beads, etc.	2	3	-	-
PC17. perform a final quality check, ensuring that the design, colour, finish and meet the required specifications	2	3	-	-
NOS Total	40	50	-	-

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9209
NOS Name	Apply cold Enamelling on imitation jewellery
Sector	Gem & Jewellery
Sub-Sector	
Occupation	Component Making/Filling/Assembling
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each element/ Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down the proportion of marks for Theory and Skills Practical for each Element/ PC.
2. The assessment for the theory part will be based on a knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for the theory part for each candidate at each examination/training centre (as per the assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practicals for every student at each examination/ training centre based on these criteria.
6. To pass the Qualification Pack assessment, every trainee should score the Recommended Pass % aggregate for the QP.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

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Minimum Aggregate Passing % at QP Level : 50

(**Please note:** Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
G&J/N9203.Imitation Jewellery making using various methods and techniques	40	50	-	-	90	20
G&J/N9204.Assemble different jewellery components	30	61	-	-	91	30
G&J/N9205.Pack and dispatch finished items	40	50	-	-	90	20
G&J/N9902.Maintain health and safety at workplace	18	32	-	-	50	10
DGT/VSQ/N0102.Employability Skills (60 Hours)	20	30	-	-	50	20
Total	148	223	-	-	371	100

Optional: 1 Create Madhubani style imitation jewellery

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
G&J/N9206.Create Madhubani style imitation jewellery	40	50	-	-	90	10
Total	40	50	-	-	90	10

Optional: 2 Make Kundan Jadau imitation jewellery

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National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
G&J/N9207.Make Kundan Jadau imitation jewellery	40	50	-	-	90	10
Total	40	50	-	-	90	10

Optional: 3 Make oxidized imitation jewellery

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
G&J/N9208.Make oxidized imitation jewellery	40	50	-	-	90	10
Total	40	50	-	-	90	10

Optional: 4 Apply cold Enamelling on imitation jewellery

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
G&J/N9209.Apply cold Enamelling on imitation jewellery	40	50	-	-	90	10
Total	40	50	-	-	90	10

Qualification Pack

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

Qualification Pack

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

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Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.