



# **National Vocational Certificate level 2, in (Gems & Jewellery Sector) “Fashion Jewellery Maker – (Beads and Wires)”**



**National Vocational and Technical Training Commission (NAVTTTC)  
Government of Pakistan**



## TABLE OF CONTENTS

### Contents

|                                                            |    |
|------------------------------------------------------------|----|
| 1. TITLE OF QUALIFICATION .....                            | 3  |
| 2. INTRODUCTION .....                                      | 3  |
| 3. PURPOSE OF THE QUALIFICATION .....                      | 5  |
| 4. MAIN OBJECTIVES OF THE QUALIFICATION .....              | 5  |
| 4. DATE OF VALIDATION .....                                | 6  |
| 5. CODES OF QUALIFICATIONS .....                           | 6  |
| 6. MEMBERS OF QUALIFICATIONS DEVELOPMENT COMMITTEE .....   | 7  |
| 7. ENTRY REQUIREMENTS .....                                | 8  |
| 8. SUMMARY OF COMPETENCY STANDARDS .....                   | 8  |
| Competency Standard A: Perform Sketching .....             | 9  |
| Competency Standard B: Perform Beads Stringing .....       | 12 |
| Competency Standard C: Make Beads and Wire Jewellery ..... | 15 |
| Competency Standard D: Communicate with other .....        | 20 |



## 1. TITLE OF QUALIFICATION

National Vocational Certificate level 2, in (Gems and Jewellery Sector) “Fashion Jewellery Maker – (Beads and Wires)”

## 2. INTRODUCTION

The National Competency Standards are written specifications of skill and knowledge competencies required in a particular trade. The competency standards are developed in collaboration with United Nations Industrial Development Organization (UNIDO), GIZ and National Vocational & Technical Training Commission (NAVTTTC).

Industry experts from the relevant industries from different geographical locations across Pakistan were consulted during the development process of these competency standards to ensure input and ownership of all the stakeholders. NAVTTTC approves these competency standards on the recommendation of Industry Advisory Group (IAG) for the Gems and Jewelry sector.

The National Competency Standards could be used as a referral document for the development of curricula to be used by training institutions.

Training in the course is based on defined competency standards, which are industry oriented, here the traditional role of a trainer changes and shifts towards the facilitation of training. A trainer encourages and assists trainees to learn for themselves. Trainees are likely to work in groups (pairs) and all doing something different. Some are doing practical tasks in the workshop, some writing, some not even in the classroom or workshop but in another part of the building using specialist equipment, working on computers doing research on the Internet or the library. As trainees learn at different pace they might well be at different stages in their learning, thus learning must be tailored to suit individual needs. The following facilitation methods (teaching strategies) are generally employed:



- **Direct Instruction Method:** This might be effective when introducing a new topic to a larger group of trainees in a relative short amount of time. In most cases this method relies on one-way communication, hence there are limited opportunities to get feedback on the trainee's understanding.
- **Discussion Method:** This allows trainees to actively participate in sharing knowledge and ideas. It will help the trainer to determine whether trainees understand the content of the topic. On the other hand, there is a possibility of straying off topic under discussion and some trainees dominating others on their views.
- **Small Group Method:** Pairing trainees to help and learn from each other often results in faster knowledge/skill transfer than with the whole class. The physical arrangement of the classroom/workshop and individual assessment may be challenging. Analogy method should be incorporated.
- **Problem Solving Method:** This is a very popular teaching strategy for the training. Trainees are challenged and are usually highly motivated when they gain new knowledge and skills by solving problems (Contingency skills). Trainees develop critical thinking skills and the ability to adapt to new learning situations (Transfer skills). It might be time consuming and because trainees sometimes work individually, they may not learn all the things that they are expected to learn.
- **Research Method:** This is used for workshops and laboratory tasks, field experiments, and case studies. It encourages trainees to investigate and find answers for themselves and to critically evaluate information. It however requires a lot of time and careful planning of research projects for the trainee.

The detail of the competency standards included in this qualification is given below:

**National Vocational Certificate level 2, in (Gems and Jewelry Sector) “Fashion Jewelry Making – (Beads and Wires)”**



- A. Perform Sketching
- B. Develop Bead straining
- C. Making Jewellery from beads and wires
- D. Communicate with others

### 3. PURPOSE OF THE QUALIFICATION

The purpose of the training is to provide skilled manpower for the value addition on Gemstone and Jewellery of the existing Gems and Jewellery sector and related industry. This will improve the abilities and accreditation of a Fashion Jewellery Maker (Beads and Wires) in terms of national and international standards applicable in the field of Gems and Jewellery. The availability of quality Fashion Jewellery Maker in the local and international markets will ultimately bring economic benefits to the producers and processors.

The core purpose of this qualification is to produce employable Fashion Jewellery Maker, who could provide advanced Services in Fashion Jewellery Making specific to Beads and Wires Jewellery. In addition this qualification will prepare youth to be employee in industry or work as an entrepreneur. Main purpose is to prepare and train students through skill training and enable them to earn their living either through employment in industry or to be self-employed.

### 4. MAIN OBJECTIVES OF THE QUALIFICATION

Fashion Jewellery Making (Beads and Wires) qualification consists of theoretical and practical details required to perform sketching, develop beads strings, make beads and wire jewellery and to enhance their skills in communication with others for better market linkage development. The main objectives of the qualification are as follows

- A. Perform Sketching
- B. Develop Bead strings
- C. Make beads and wire Jewellery
- D. Communicate with others



#### 4. DATE OF VALIDATION

The level 2 of national vocational qualification on Gems and Jewelry Sector – Fashion Jewelry Maker (Beads and Wires) has been validated by the Qualifications Development Committee (QDC) members on May 2018 and will remain in currency until May 2023.

#### 5. CODES OF QUALIFICATIONS

The International Standard Classification of Education (ISCED) is a framework for assembling, compiling and analyzing cross-nationally comparable statistics on education and training. ISCED codes for these qualifications are assigned as follows:

| ISCED Classification for Fashion Jewelry Maker (Beads and Wires) |                                                                                                               |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Code                                                             | Description                                                                                                   |
| 0214G&J1                                                         | National Vocational Certificate level 2 in Gems and Jewelry Sector – Fashion Jewelry Maker (Beads and Wires)” |



## 6. MEMBERS OF QUALIFICATIONS DEVELOPMENT COMMITTEE

The following members participated in the qualifications development and validation of these qualifications:

| Name                | Designation                  | Organization                    | Email                     | Contact     |
|---------------------|------------------------------|---------------------------------|---------------------------|-------------|
| Bashir Agha         | Principal                    | GJTMC- Quetta                   | bashiragha786@gmail.com   | 03218119120 |
| Khalid Aziz         | Ex-General Manager           | PGJDC, Karachi                  | khalidaziz1958@yahoo.com  | 03002296904 |
| Taj Muhammad        | Chairman                     | TTB- Balochistan                | Taj.mdm@gmail.com         | 03003829116 |
| Nadeem Ahmed        | Manager Trainings            | PGJDC, Karachi                  | nadeembasit@pgjdc.org     | 03332141192 |
| Farheen Agha        | Lapidary In-charge           | GJTMC-Quetta                    | farheenagha@pgjdc.org     | 0812837268  |
| M. Touqir Ali       | Lapidary In-charge           | GJTMC-AJK                       | touqir@pgjdc.org          | 03329192551 |
| Tausif Ahmed        | Instructor                   | GJTMC-Lahore                    | tausifjan@hotmail.com     | 03216601612 |
| Muhammad Shoaib     | Instructor                   | GJTMC-Lahore                    | shoaib@pgjdc.org          | 03214150608 |
| Muhammad Arif       | Instructor gemstone faceting | GJTMC-Quetta                    | marifgems@gmail.com       | 03338837772 |
| Muhammad Naseem     | Instructor- Gemstone Caving  | GJTMC-Quetta                    | m.naseembarech@gmail.com  | 03368110565 |
| Faeza Siddiqui      | Assist. Mgr Trainings        | PGJDC, Karachi                  | faeza@pgjdc.org           | 03002702933 |
| Syed Saifullah      | CEO                          | Businessman G&J sector          | Ssaif_brothers@yahoo.com  | 03008381061 |
| Jalil ahmed         | Lecturer                     | Geology Dept. UoB               | Jalil.barech182@gmail.com | 03327818733 |
| M. Naeem Akhtar     | Sr.Tech Advisor              | GIZ, TU                         | muhammad.akhtar@giz.de    | 03009438051 |
| Arsalan Javed       | MA                           | GIZ                             | arsalan.javed@giz.de      | 03335164833 |
| Ghulam Raza Hussain | DACUM Facilitator            | B-TVETA, Quetta                 | Grhussain70@gmail.com     | 03332064233 |
| S-Sabhai            | Tech. Advisor                | GIZ/EU                          | Syed.shah@giz.de          | 03005957954 |
| Akhtar Khan         | Marketing & Job placement    | GJTMC, Quetta                   | akhtarsargarh@gmail.com   | 03138353410 |
| Muhammad Ishaq      | Proprietor                   | Universal Gems & Jewellery, Qta | micronzasallu@yahoo.com   | 03218040814 |
| Salman Khan         | Instructor Gemology          | GJTMC-Quetta                    | Salmanshai121@gmail.com   | 03138821117 |
| Imran Zafar         | Principal                    | GJTMC, AJK                      | Imran.zafar@pgjdc.org     | 03359393266 |
| Hafeezullah         | TA-TF, Balochistan           | GIZ                             | Hafeez.jogezai@giz.de     | 030-8659520 |
| Muhammad Saleem     | CEO                          | Chaghi Gems                     | Chaghigems786@gmail.com   | 03333787771 |



## 7. ENTRY REQUIREMENTS

The entry for National Vocational Certificate level 2, in (Gems and Jewellery Sector) “Fashion Jewellery Maker (Beads and Wires)” are given below:

Entry for assessment for this qualification is open. However, entry into formal training institutes, based on this qualification may require skills and knowledge equivalent to middle (Grade 8).

## 8. SUMMARY OF COMPETENCY STANDARDS

| Code       | Competency Standards          | Level    | Credits   | Category        |
|------------|-------------------------------|----------|-----------|-----------------|
| 0214G&J1 A | Perform Sketching             | 2        | 10        | Functional      |
| 0214G&J1 B | Perform Bead stringing        | 2        | 10        | Technical       |
| 0214G&J1 C | Make beads and wire Jewellery | 2        | 35        | Technical       |
| 0214G&J1 D | Communicate with others       | 2        | 10        | Generic         |
|            | <b>TOTAL</b>                  | <b>2</b> | <b>60</b> | <b>6 months</b> |



## Competency Standard A: Perform Sketching

**Overview:** This competency standard covers the skills and knowledge required to perform free hand sketching, Perform rendering, Draw geometrical sketches, Draw Jewellery shapes, and Draw gemstone shapes.

| Competency Units                        | Performance Criteria                                                                                                                                                                                                                                                                         | Knowledge & understanding                                                                                                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A1: Perform free hand sketching.</b> | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Follow instructions for drawing</p> <p><b>P2.</b> Practice to draw freehand lines, triangles, squares, circles etc.</p> <p><b>P3.</b> Perform Assorted shading exercises</p> <p><b>P4.</b> Draw 3D object according to instructions</p> | <p><b>Trainee will be able to know:</b></p> <p><b>K1.</b> Sketching material</p> <p><b>K2.</b> Correct angle to hold pencil</p> <p><b>K3.</b> Variation of shading</p> <p><b>K4.</b> Sketching and drawing techniques</p>      |
| <b>A 2: Perform rendering</b>           | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Sketch design on tracing paper</p> <p><b>P2.</b> Practice basic rendering techniques</p> <p><b>P3.</b> Mixing different colors</p> <p><b>P4.</b> Develop different color scheme</p>                                                     | <p><b>Trainee will be able to know:</b></p> <p><b>K1.</b> Basic rendering techniques</p> <p><b>K2.</b> Mixing of water color</p> <p><b>K3.</b> Uses of rendering material.</p> <p><b>K4.</b> Correct use of color pencils.</p> |
| <b>A3: Draw geometrical sketches.</b>   | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Arrange geometrical tools</p> <p><b>P2.</b> Arrange templates/ stencils</p> <p><b>P3.</b> Draw various geometrical shapes Round, square,</p>                                                                                            | <p><b>Trainee will be able to know:</b></p> <p><b>K1.</b> geometrical shapes</p> <p><b>K2.</b> Uses of Geometrical tools</p>                                                                                                   |



|                                  |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  | rectangular, Tri angels, oval                                                                                                                                                                                                                                                                                                                                     | <b>K3.</b> To use Templates/stencils                                                                                                                                                                                                                               |
| <b>A4:Draw Jewellery shapes</b>  | <p><b><i>Trainee will be able to:</i></b></p> <p><b>P1.</b> Arrange materials to draw Jewellery shape</p> <p><b>P2.</b> Draw various jewelry shape Earring, pendant, Rings, Brooches, hair pin, necklaces, nose pin.</p>                                                                                                                                          | <p><b><i>Trainee will be able to know:</i></b></p> <p><b>K1.</b> Jewelry types and design.</p> <p><b>K2.</b> Wear ability of jewellery designs</p> <p><b>K3.</b> Joints and links to assemble jewellery pieces</p> <p><b>K4.</b> Rendering of jewellery shapes</p> |
| <b>A5: Draw gemstone shapes.</b> | <p><b><i>Trainee will be able to:</i></b></p> <p><b>P1.</b> Arrange materials to draw gemstone shape</p> <p><b>P2.</b> Draw assorted gemstone shapes</p> <ul style="list-style-type: none"> <li>● Round brilliant</li> <li>● Emerald cut.</li> <li>● Oval cut.</li> <li>● Marquees cut</li> <li>● Pear cut</li> </ul> <p><b>P3.</b> Mention parts of gemstone</p> | <p><b><i>Trainee will be able to know:</i></b></p> <p><b>K1.</b> Colors of gemstones</p> <p><b>K2.</b> Shapes of gemstone</p> <p><b>K3.</b> Calibrated gemstones</p> <p><b>K 4.</b> Parts of gemstones</p>                                                         |

### Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Draw free hand sketch of given article
- Draw one hexagon shape.
- Explain geometrical shape
- Draw shape of earring and pendent as per instructions.
- Draw marquise shape of stone



## Tools and equipment required

- Geometrical box
- Pencils HB
- Eraser
- Stencils
- Templates
- Drawing sheet
- Drawing boards (students)
- Paper cutter
- Sharpener



## Competency Standard B: Perform Beads Stringing

**Overview:** This competency standard covers the skills and knowledge required to Identify various bead stringing tools, Identify various bead stringing materials, Cluster making, Jewellery making with bead stringing method.

| Competency Units                                     | Performance Criteria                                                                                                                                                                                                                                | Knowledge & understanding                                                                                                                                                                                                                                      |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B1: Identify various bead stringing tools.</b>    | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> List various bead stringing tools</p> <p><b>P2.</b> Arrange tools before start a job</p> <p><b>P3.</b> Use various measuring tools</p> <p><b>P4.</b> Select accurate tools for a given job</p> | <p><b>Trainee will be able to know:</b></p> <p><b>K1.</b> Types of stringing tools.</p> <p><b>K2.</b> uses of bead stringing Tools.</p>                                                                                                                        |
| <b>B2: Identify various bead stringing materials</b> | <p><b>Trainee will be able to:</b></p> <p><b>P2.</b> Arrange bead stringing material before start a job</p> <p><b>P3.</b> Use various bead stringing materials</p> <p><b>P4.</b> Select appropriate material for a given job</p>                    | <p><b>Trainee will be able to know:</b></p> <p><b>k1.</b> Quality of thread used for string.</p> <p><b>k2.</b> Size, Weight, shapes and color of beads.</p> <p><b>K3.</b> Thickness of Threads &amp; strings,</p>                                              |
| <b>B3: Cluster making</b>                            | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Arrange material according to given job</p> <p><b>P2.</b> Develop cluster as per requirement</p>                                                                                               | <p><b>Trainee will be able to know:</b></p> <p><b>K1.</b> Planning on paper before go to cluster making process.</p> <p><b>K2.</b> All types of clusters, Single, double, or triple bead Clusters, grapes types Clusters.</p> <p><b>K3.</b> Use of finding</p> |



|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B4: Jewellery making with bead stringing method.</b> | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Develop a pendent as per design</p> <p><b>P2.</b> Develop a pair of ear-rings as per design</p> <p><b>P3.</b> Develop a gypsy ring</p> <p><b>P4.</b> Develop a choker</p> <p><b>P5.</b> Develop a three steps necklace</p> <p><b>P6.</b> Develop a beaded anklet</p> <p><b>P7.</b> Develop a Wrist wear for girls</p> <p><b>P8.</b> Develop a bracelet</p> <p><b>P9.</b> Decorate bangles with beads</p> | <p><b>Trainee will be able to know:</b></p> <p><b>K1-</b> Size, Shape, Weight of bead</p> <p><b>K2-</b> Type of threads, cords, leather strips used as string</p> <p><b>K3.</b> Balance and proportion of jewellery piece</p> <p><b>K4.</b> Wear ability of jewellery piece</p> <p><b>K5.</b> Mirror techniques</p> <p><b>K6.</b> Locking and fastening techniques</p> <p><b>K7.</b> Selection of jewellery findings</p> |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Identify various bead stringing tools
- Identify various bead stringing materials
- Make Cluster of beads
- Make Jewellery with bead stringing method



## Tools and equipment required

- Assorted Needles
- Tweezers
- Scissor (small)
- Surgical blade
- Vernier caliper
- Measuring tap
- Scale (12 inches)
- Small file set
- Pin vise
- Burs
- Bead reamers
- Beads
- Crystals
- Threads
- strings
- Super Glue
- Ribbons



## Competency Standard C: Make Beads and Wire Jewellery

**Overview:** This competency standard covers the skills and knowledge required to identify tools for bead and wire jewellery, Identify materials for bead and wire Jewellery, Perform assorted exercises to make bead and wire jewellery, Develop bead and wire jewellery, Develop Wire Wrapped Jewellery, Perform bead and wire applications other than Jewellery: - Use of beads and cabochons in Embroidery - Tissue box -Glass cover -Bottles

| Competency Units                                          | Performance Criteria                                                                                                                                                                                                                                           | Knowledge & understanding                                                                                                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>C1: Identify tools for bead and wire jewelry</b>       | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Differentiate tools to make bead &amp; wire Jewellery</p> <p><b>P2.</b> Differentiate between measuring tools</p> <p><b>P3.</b> Select right tools to complete given job.</p>                             | <p><b>Trainee will be able to know:</b></p> <p><b>K1-</b> Arrange tools with sequence of use</p> <p><b>K2-</b> Hazardous tools.</p> <p><b>K3-</b> safety precautions</p> |
| <b>C2: Identify materials for bead and wire jewellery</b> | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Differentiate various wires used in wire and bead jewellery.</p> <p><b>P2.</b> Differentiate various beads, crystals, pearls, and findings</p> <p><b>P3.</b> Differentiate between jewellery findings</p> | <p><b>Trainee will be able to know:</b></p> <p><b>K1-</b> Types of Wires</p> <p><b>K2-</b> Gauges of wires</p> <p><b>K3</b> Types and quality of beads</p>               |
| <b>C3: Perform assorted exercises to</b>                  | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Perform cutting of wire</p>                                                                                                                                                                               | <p><b>Trainee will be able to know:</b></p> <p><b>K1-</b> Techniques used in</p>                                                                                         |



|                                                    |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>make bead and wire jewellery</b></p>         | <p><b>P2.</b> Perform straightening of wire</p> <p><b>P3.</b> Perform sizing of wire</p> <p><b>P4.</b> Perform twisting wire</p> <p><b>P5.</b> Perform jump ring making</p> <p><b>P6.</b> Perform knot making exercises</p> <p><b>P7.</b> Perform bead holding in wires</p> <p><b>P8.</b> Perform locking and fastener making</p>   | <p>wire Jewellery.</p> <p><b>K2.</b> Adjustments of beads in wires as per design</p> <p><b>K3.</b> Quality of beads securing in wires</p> <p><b>K4.</b> To use correct thickness and length of wires</p> <p><b>K5.</b> Minimize wastage of materials</p>                                                           |
| <p><b>C4: Develop bead and wire jewellery.</b></p> | <p><b><i>Trainee will be able to:</i></b></p> <p><b>P1.</b> Develop cluster</p> <p><b>P2.</b> Develop a pendent</p> <p><b>P3.</b> Develop a pair of earrings</p> <p><b>P4.</b> Develop a choker</p> <p><b>P5.</b> Develop a three steps necklace</p> <p><b>P6.</b> Develop a beaded anklet</p> <p><b>P7.</b> Develop a bracelet</p> | <p><b><i>Trainee will be able to know:</i></b></p> <p><b>K1.</b> Sizes, Shapes, Weight and colors of bead, stones, pearls uses as per design</p> <p><b>K2-</b> Type and thickness of wires used as per design</p> <p><b>K3.</b> balance and summitry of jewellery piece</p> <p><b>K4.</b> A wearable jewellery</p> |



|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | <b>P8.</b> Decorate bangles with beads                                                                                                                                                                                                                                                                                                                                                                             | piece<br><br><b>K5.</b> Mirror techniques<br><br><b>K6.</b> Locking and fastening systems<br><b>K7.</b> use of jewellery findings                                                                                                                                                                                                                                                                                     |
| <b>C5: Develop Wire Wrapped Jewellery</b> | <p><b>Trainee will be able to:</b></p> <p><b>P1.</b> Develop a Basic cabochon OR uncut wire wrapped pendant</p> <p><b>P2.</b> Develop a marokel pendant</p> <p><b>P3.</b> Develop a simple wire wrapped ring with stone and drilled beads</p> <p><b>P4.</b> Develop a simple pair of wire wrapped earrings</p> <p><b>P5.</b> Develop a wire wrapped necklace</p> <p><b>P6.</b> Develop a wire wrapped bracelet</p> | <p><b>Trainee will be able to know:</b></p> <p><b>K1.</b> Sizes, Shapes, Weight and colors of stones used as per design</p> <p><b>K2-</b> Type and thickness of wires used as per design</p> <p><b>K3.</b> A balanced piece of jewellery</p> <p><b>K4.</b> Wires weaving process</p> <p><b>K5.</b> Balance and proportion of jewelry piece</p> <p><b>K6.</b> Wraparound weaving</p> <p><b>K7.</b> To make curves,</p> |



|                                                                                                                                                                 |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                 |                                                                                                                                                                                                                                                                           | bends during wrapping up<br><br><b>K8.</b> Mirror techniques<br><br><b>K9.</b> Locking and fastening systems                                                                                                                                                                 |
| <b>C6: Perform bead and wire applications other than Jewellery:</b><br>- Use of beads and cabochons in Embroidery<br>- Tissue box<br>- Glass cover<br>- Bottles | <b>Trainee will be able to:</b><br><b>P1.</b> Use beads and cabochons in embroidery work<br><b>P2.</b> design and develop ornaments for a tissue box<br><br><b>P2.</b> Design and develop a glass cover<br><br><b>P3.</b> Decorate a bottle with beads, stones and pearls | <b>Trainee will be able to know:</b><br><b>K1.</b> Combination of beads as per design.<br><br><b>K2.</b> Accurate thickness and sizes of wires to decorate tissue box and glass covers<br><br><b>K3.</b> Adhesive materials to paste beads, stones etc. to decorate bottles. |

### Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Identify tools for bead and wire jewellery
- Identify materials for bead and wire Jewellery
- Perform assorted exercises to make bead and wire jewellery
- Develop bead and wire jewellery
- Develop Wire Wrapped Jewellery



- Perform bead and wire applications other than Jewellery -Use of beads and cabochons in Embroidery -Tissue box -Glass cover -Bottles

### Tools and equipment required

- Pliers
- Side Cutter
- Shears
- Round Pliers
- Chain Nose pliers
- Long nose pliers
- Crimping pliers
- Mandrels
- Horn anvil
- Chasing hammer
- Hand flatter
- Wire gauge
- Apron
- Velvet tray 9x12
- Copper wires of various gauges
- Brass wire
- Aluminum coated wire
- Beads storage box
- Table lamp
- First aid box
- White board markers
- Tool box
- Multimedia project with screen



## Competency Standard D: Communicate with other

**Overview:** This competency standard covers the skills and knowledge required to build good relationship with customers, to manage the workers and other personnel that can help in improving work quality, following instructions of the seniors to perform proper job and to develop good relationships and linkage with raw material suppliers.

| Competency Units                          | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                | Knowledge & Understanding                                                                                                                                           |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>F1: Build relations with customers</b> | <b>Trainee will be able to:</b><br><b>P1.</b> Offer after sales services<br><b>P2.</b> Update customers with new products<br><b>P3.</b> Kind and honest with customers<br><b>P4.</b> Be polite with customers in dealing<br><b>P5.</b> Keep record of customers<br><b>P6.</b> Share details of new products with customers                                                                                                                                          | <b>Trainee will be able to know:</b><br><b>K1.</b> Maintaining data of related customers.<br><b>K2.</b> 4Ps and 4Cs of customers.                                   |
| <b>F2: Supervise workers</b>              | <b>Trainee will be able to:</b><br><b>P1.</b> Perform the duty with other team members.<br><b>P2.</b> Supervise the work and achieve targets in minimum time.<br><b>P3.</b> Give clear direction to workers.<br><b>P4.</b> Check efficiency of workers/ team members.<br><b>P5.</b> Motivate the workers in order to enhance the efficiency of workers.<br><b>P6.</b> Make work environment comfortable for workers.<br><b>P7.</b> Evaluate workers on the basis of | <b>Trainee will be able to know:</b><br><b>K1.</b> Assigned task<br><b>K2.</b> Management skills<br><b>K3.</b> Leadership qualities<br><b>K4.</b> Being team leader |



|                                              |                                                                                                                                                                                                       |                                                                                                                                                                   |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | performance.                                                                                                                                                                                          |                                                                                                                                                                   |
| <b>F3: Follow instructions from seniors</b>  | <b>Trainee will be able to:</b><br><b>P1.</b> Seek guidance from seniors.<br><b>P2.</b> Follow the instructions from seniors.<br><b>P3.</b> . consult seniors in case of emergency                    | <b>Trainee will be able to know:</b><br><b>K1.</b> Knowledge of seniors to enhance the efficiency of products.<br><b>K2.</b> Senior suggestions and instructions. |
| <b>F4: Establish linkage with suppliers.</b> | <b>Trainee will be able to:</b><br><b>P1.</b> Keep good relationships in order to supply material in time.<br><b>P2.</b> Maintain record of the suppliers.<br><b>P3.</b> Identify relevant suppliers. | <b>Trainee will be able to know:</b><br><b>K1.</b> Supply chain management.<br><b>K2.</b> Maintaining record of suppliers.                                        |

### Critical Evidence(s) Required

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

- Presentation on build good relationship with customers
- Presentation to manage the workers and other personnel that can help in improving work quality
- Presentation to develop good relationships and linkage with raw material suppliers.



## **Tools and equipment required**

- Data of customers
- Mobile phone
- Computer with internet connection
- Catalogue
- Notice board
- Web portal
- Senior businessmen
- Record register
- Pen

## PICTURES GALLERY



