







Participant Handbook

Sector Gems and Jewellery

Sub-Sector
Handmade Gold and
Gems- Set Jewellery
Occupation
Gold Smithy (Basic)

Reference ID: **G&J/Q0611, Version 2.0 NSQF Level 3**





Jewellwery Frame and Component maker

Scan this QR Code to access ebook or

Click Here

Table of Content

S.No	Modules and Units	Page No
1.	Introduction	1
	Unit 1.1 - Gem and Jewellery Sector in India	3
	Unit 1.2 - Objectives of the Program	10
	Unit 1.3 - Where does Jewellery Frame & Component Maker Fall in the Jewellery Making Process	11
	Unit 1.4 - Job Opportunities for a Jewellery Frame & Component Maker	12
2.	Draw wire, roll sheet, and thick wire from precious metal (G&J/N0601)	19
	Unit 2.1 - Introduction to Jewellery Making Process	21
	Unit 2.2 - Job Work of a Goldsmith - Frame Maker	26
	Unit 2.3 - Introduction to Metals	31
	Unit 2.4 - Metal Alloys	37
	Unit 2.5 - Types of Jewellery	48
	Unit 2.6 - Introduction to Diamonds and Gemstones	63
	Unit 2.7 - Types of Settings	69
	Unit 2.8 - Components or Findings Used in Jewellery Making	73
	Unit 2.9 - Tools and Equipment Required for Frame Making	77
	Unit 2.10: Drawing Wire from Precious Metal	115
	Unit 2.11: Making Sheets from Precious Metal	125
3.	Make various jewellery components (G&J/N0611)	131
	Unit 3.1: Making a Round Tube	133
	Unit 3.2: Make Balls from precious metal or alloy	135
	Unit 3.3: Making grains or 'Rawa'	146
	Unit 3.4: Making Collets	150
	Unit 3.5: Making Box Claps	154
	Unit 3.6: Stamp patterns on gold or its alloy	158
	Unit 3.7: Make Chain from Gold Bar	169
	Unit 3.8: Making the Filigree Wires	187

Table of Content

S.No	Modules and Units	Page No
4.	Make the jewellery frame (G&J/N0610)	189
	Unit 4.1 - Reading the Job Sheet	191
	Unit 4.2 - Importance of Design Symmetry, Flexibility and Usefulness	194
	Unit 4.3 - Creating Frame as per Design Requirements	204
	Unit 4.4 - Filing and Linking Separate Frame Parts	211
	Unit 4.5 - Detecting Product Defects	218
	Unit 4.6 - Controlling Gold Loss	223
	Unit 4.7 - Achieving Quality Standards	226
	Unit 4.8 - Maintaining Quality of Production	228
	Unit 4.9 - Know Your Organization and its Standards	230
	Unit 4.10 - Work Hazards	232
5.	Follow material and energy conservation practices at workplace (G&J/N9949)	237
	Unit 5.1 - Energy Conservation	239
	Unit 5.2 - Conservation of Materials	245
6.	Maintain health and safety at workplace (G&J/N9902)	249
	Unit 6.1 - Potential Souces of Accidents	251
	Unit 6.2 - Safety Signs and Appropriate Requirements to be Safe	257
	Unit 6.3 - Ergonomics or Bad Posture of Body	266
	Unit 6.4 - Fire Safety Rules	270
	Unit 6.5 - How to Deal with Emergency Situations	275
7.	Annexures	281
	Annexures 1 - QR codes - Video Link	282

It is recommended that all the trainings include the appropriate Employability Skills Module.

Content for the same is available here:

https://www.skillindiadigital.gov.in/content/list

