



Gemstone Final Shaper and Calibrator

QP Code: G&J/Q6603

Version: 3.0

NSQF Level: 3

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G&J/Q6603: Gemstone Final Shaper and Calibrator

Brief Job Description

The individual works with high-speed rotating scaife machines with diamond or steel laps in order to give the pre-shaped gemstone the final shape as per planned weight and size. Final-shaping determines the shape, size and weight of the final stone.

Personal Attributes

The job requires the individual to have: attention to details; good eyesight; steady hands; ability to work in a process driven team and for long hours in sitting position with a lot of patience and in a high-decibel machine-generated noise environment.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [G&J/N6601: Dop the gemstone](#)
2. [G&J/N6604: Give final shape to gemstone and calibrate](#)
3. [G&J/N9920: Maintain IPR of company](#)
4. [G&J/N9924: Maintain safety at work](#)
5. [DGT/VSQ/N0101: Employability Skills \(30 Hours\)](#)

Qualification Pack (QP) Parameters

Sector	Gem & Jewellery
Sub-Sector	
Occupation	Pre-shaping or Pre-forming
Country	India
NSQF Level	3
Credits	12
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7223.0800

Minimum Educational Qualification & Experience	9th Class with NA of experience OR 8th Class with 1 Year of experience relevant experience OR Previous relevant Qualification of NSQF Level with 1 Year of experience relevant experience
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	NA
Next Review Date	30/04/2025
Deactivation Date	03/05/2025
NSQC Approval Date	17/11/2022
Version	3.0
Reference code on NQR	2022/GJ/GJSCI/06717
NQR Version	3

G&J/N6601: Dop the gemstone

Description

This OS unit is about fixing the rough-cut or pre-shaped gemstone securely on the dop for pre-shaping, faceting or polishing.

Scope

The scope covers the following :

- This unit/task covers the following:
- Fixing the gemstone on dop
- Ensuring Productivity

Elements and Performance Criteria

Fixing the gemstone on dop

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

- PC1.** match the stone type, weight and number as mentioned on the bag received from supervisor
- PC2.** check the assortment of stones for shape, size, softness
- PC3.** interpret the plan for the stone as per job sheet for stone to be aligned
- PC4.** align the stone with accuracy
- PC5.** make correct selection of appropriate dop and material for fixing
- PC6.** maintain appropriate level of heating so that stone does not change colour
- PC7.** achieve scratch-free doping
- PC8.** achieve secure setting

Ensuring Productivity

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

- PC9.** ensure timely delivery to facet maker or shapers
- PC10.** achieve number of dops prepared per day as per target given
- PC11.** deliver damage-free output with minimum hazards

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** companys policies on: acceptable limits of stone loss, incentives, delivery standards, safety and hazards, integrity and personnel management
- KU2.** non-disclosure of confidential information provided by the company either orally or in writing marked as confidential
- KU3.** liability arising out of loss, theft or inadvertent disclosure of confidential information
- KU4.** work flow involved in gemstone processing of company
- KU5.** importance of the individuals role in the workflow

- KU6.** reporting structure
- KU7.** the issuing and returning procedures followed by the company for rough gemstones
- KU8.** gemstone processing objective of the company, e.g. maximizing yield, maximizing clarity, etc.
- KU9.** different types of stones, the family of stone and their properties, particularly, with respect to heat and pressure sensitivity
- KU10.** the assortment of stones for shape, size, softness
- KU11.** how to fix the stone on dop as per job sheet
- KU12.** different types of dops used as per gemstone type
- KU13.** uses of different qualities of wax and lac for fixing, their merits and demerits
- KU14.** potential work hazards, particularly, when using heating lamps

Generic Skills (GS)

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

- GS1.** document reports, and loss of gemstones
- GS2.** read the stone type, the family it belongs to and its properties
- GS3.** read notes, signs and instructions on job sheet
- GS4.** read company rules and compliance documents required to complete
- GS5.** receive instructions and materials from reporting supervisor
- GS6.** discuss task lists, schedules, and work-loads with co-workers
- GS7.** share work load when multiple deliverables are required
- GS8.** make decisions pertaining to the concerned area of work
- GS9.** make decisions on the use of type of dop, e.g., metal or wooden for the process involved
- GS10.** plan and organize the doping process
- GS11.** report about dops and tools shortage to supervisor
- GS12.** resolve problems about alignment and work process with facet maker, polisher or preshaper
- GS13.** visualize and map the final form of the stone
- GS14.** anticipate process disruption and reasons for delay

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Fixing the gemstone on dop</i>	3	13	-	-
PC1. match the stone type, weight and number as mentioned on the bag received from supervisor	-	1	-	-
PC2. check the assortment of stones for shape, size, softness	-	2	-	-
PC3. interpret the plan for the stone as per job sheet for stone to be aligned	1	1	-	-
PC4. align the stone with accuracy	-	2	-	-
PC5. make correct selection of appropriate dop and material for fixing	-	2	-	-
PC6. maintain appropriate level of heating so that stone does not change colour	1	1	-	-
PC7. achieve scratch-free doping	1	2	-	-
PC8. achieve secure setting	-	2	-	-
<i>Ensuring Productivity</i>	1	3	-	-
PC9. ensure timely delivery to facet maker or shapers	-	1	-	-
PC10. achieve number of dops prepared per day as per target given	1	1	-	-
PC11. deliver damage-free output with minimum hazards	-	1	-	-
NOS Total	4	16	-	-

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N6601
NOS Name	Dop the gemstone
Sector	Gem & Jewellery
Sub-Sector	Gemstone Processing
Occupation	Gemstone shaping
NSQF Level	3
Credits	4
Version	3.0
Last Reviewed Date	NA
Next Review Date	17/11/2025
NSQC Clearance Date	17/11/2022

G&J/N6604: Give final shape to gemstone and calibrate

Description

This OS unit is about giving final shape to the pre-shaped gemstone and set its shape, size and weight for further processing as cabochon polishing or facet polishing.

Scope

The scope covers the following :

- This unit/task covers the following:
- Collecting the bag of gemstones from supervisor
- Final shaping and calibrating
- Achieving productivity
- Handling problems

Elements and Performance Criteria

Collecting the bag of gemstones from supervisor

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

- PC1.** match the stone type, weight and number as mentioned on the bag
- PC2.** follow shaping requirement as per plan
- PC3.** determine the angles at which the doped stones have to be shaped to achieve the final shape such as round brilliant, marquise, square, princess oval, heart, baguette, emerald, briolette, pear, trilliant, octagon etc.

Final shaping and calibrating

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

- PC4.** achieve number of final-shaped gemstones generated with shape as planned
- PC5.** calibrate in accord with the size, dimension and weight as per plan
- PC6.** identify correct lap and powder used
- PC7.** achieve desired number of qc approved stones
- PC8.** deliver hazard free output

Achieving Productivity

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

- PC9.** achieve number and carats of stones shaped per day against target given
- PC10.** achieve stone loss within prescribed limits, particularly, in precious stones

Handling problems

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

- PC11.** delivery of shaped stone in time by reporting problems faced or anticipated well in advanced

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** company's policies on: acceptable limits of stone loss, incentives, delivery standards, safety and hazards, integrity and personnel management
- KU2.** non-disclosure of confidential information provided by the company either orally or in writing marked as confidential
- KU3.** liability arising out of loss, theft, or inadvertent disclosure of confidential information
- KU4.** work flow involved in gemstone processing of company
- KU5.** importance of the individual's role in the workflow
- KU6.** reporting structure
- KU7.** basic gemology and properties of different types of stones, the families they belong to
- KU8.** different types of gemstones such as precious, semi-precious, synthetic
- KU9.** market value of stone to understand the rationale for different acceptable levels of stone loss
- KU10.** origin of the stone, i.e., which mine, particularly, precious stones to read the softness or hardness as developed from precedence of use
- KU11.** how to give final-shape to stones on scaifes and laps
- KU12.** many different types of laps available in terms of material such as diamond or steel or the grits
- KU13.** how the faceting mill works
- KU14.** to use water jet and keep the stone cool
- KU15.** to work in a safe environment, i.e., without injuries
- KU16.** market demand, i.e., popular shapes in demand

Generic Skills (GS)

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

- GS1.** report stone losses via documentation as per company policy
- GS2.** report any incidents of high stone loss via documentation as per company policy
- GS3.** read height, weight, dimensions of the stones to pre-shape as given on job sheets
- GS4.** read company rules and compliance documents required to complete the work
- GS5.** receive instructions and materials from reporting supervisor
- GS6.** discuss task lists, schedules, and work-loads with co-workers
- GS7.** share work load when multiple deliverables are required
- GS8.** give feedback to supervisor or polisher on any specific stone handling requirement
- GS9.** decide on correct selection of scaife and powdered lap to use for the stone type
- GS10.** plan and organize the work bench to achieve set target
- GS11.** report to supervisor, the shortage of dops, powder and laps
- GS12.** report to supervisor about machine failure
- GS13.** minimize stone loss below the prescribed limits
- GS14.** assess the angles at which the doped stones have to be shaped to achieve the final shape such as round brilliant, marquise, square, princess oval, heart, baguette, emerald, briolette, pear, trilliant, octagon

GS15. improve work processes for greater productivity

GS16. spot process disruption and reasons for delay

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Collecting the bag of gemstones from supervisor</i>	4	11	-	-
PC1. match the stone type, weight and number as mentioned on the bag	1	1	-	-
PC2. follow shaping requirement as per plan	1	2	-	-
PC3. determine the angles at which the doped stones have to be shaped to achieve the final shape such as round brilliant, marquise, square, princess oval, heart, baguette, emerald, briolette, pear, trilliant, octagon etc.	2	8	-	-
<i>Final shaping and calibrating</i>	4	15	-	-
PC4. achieve number of final-shaped gemstones generated with shape as planned	1	1	-	-
PC5. calibrate in accord with the size, dimension and weight as per plan	2	8	-	-
PC6. identify correct lap and powder used	1	2	-	-
PC7. achieve desired number of qc approved stones	-	2	-	-
PC8. deliver hazard free output	-	2	-	-
<i>Achieving Productivity</i>	2	2	-	-
PC9. achieve number and carats of stones shaped per day against target given	1	1	-	-
PC10. achieve stone loss within prescribed limits, particularly, in precious stones	1	1	-	-
<i>Handling problems</i>	-	2	-	-
PC11. delivery of shaped stone in time by reporting problems faced or anticipated well in advanced	-	2	-	-
NOS Total	10	30	-	-

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N6604
NOS Name	Give final shape to gemstone and calibrate
Sector	Gem & Jewellery
Sub-Sector	Gemstone Processing
Occupation	Gemstone shaping
NSQF Level	3
Credits	5
Version	3.0
Last Reviewed Date	NA
Next Review Date	17/11/2025
NSQC Clearance Date	17/11/2022

G&J/N9920: Maintain IPR of company

Description

This OS unit is about protecting company's Intellectual Property Rights

Scope

The scope covers the following :

- This unit/task covers the following: Protect company's Intellectual Property Rights (IPR)
- to prevent leak of new designs/ plans to competitors by reporting on time
- to be aware of any of company's product, process or design patents
- to report IPR violations observed in the market, to supervisor or company heads

Elements and Performance Criteria

Reducing stone loss and maintaining IPR

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

- PC1.** be aware of patents and IPR
- PC2.** not be involved in IPR violations

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** company's policies on: integrity, IPR and personnel management
- KU2.** work flow involved in gemstone processing of company
- KU3.** importance of the individual's role in the organisation
- KU4.** reporting structure
- KU5.** patents and IPR laws
- KU6.** how IPR protection is important for competitiveness of a company
- KU7.** market trends

Generic Skills (GS)

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

- GS1.** effectively communicate any observed IPR violations or order leaks
- GS2.** when and how to report potential sources of violations
- GS3.** learn from past mistakes and report IPR violations on time
- GS4.** spot signs of violations and alert authorities in time

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Reducing stone loss and maintaining IPR</i>	4	4	-	-
PC1. be aware of patents and IPR	2	2	-	-
PC2. not be involved in IPR violations	2	2	-	-
NOS Total	4	4	-	-

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9920
NOS Name	Maintain IPR of company
Sector	Gem & Jewellery
Sub-Sector	Gemstone Processing
Occupation	Drilling
NSQF Level	2
Credits	1
Version	2.0
Last Reviewed Date	NA
Next Review Date	17/11/2025
NSQC Clearance Date	17/11/2022

G&J/N9924: Maintain safety at work

Description

This OS unit is about being aware of, communicating and taking steps towards minimizing potential hazards and dangers of accidents on the job and maintaining a clean work environment

Scope

The scope covers the following :

- This unit/task covers the following: Understand potential sources of accidents
- to avoid accidents related to use of potentially dangerous chemicals, sharp tools, hazards from machines such as laser sawyer, heating lamps, rotating scaife and lap Use safety gear to avoid accidents
- wear safety gear such as goggles, mask, gloves, ear plugs Keep the work environment clean and organized
- keep the work station, machine, tools clean
- keep all the tools in an organised manner
- not litter or spit on work premisesCommunicate to reporting supervisor about:
- process flow improvements that can reduce anticipated or repetitive hazards
- mishandling of tools, machines or hazardous materials
- electrical problems that could result in accident

Elements and Performance Criteria

Communicating potential accident points

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

PC1. spot and report potential hazards on time

PC2. follow company policy and rules regarding use of hazardous materials

PC3. deliver quality work on time as required by reporting any anticipated reasons for delays

Using safety gear

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

PC4. use or wear safety gear as per the rules of the company

Cleanliness and hygiene

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

PC5. clean the work station

PC6. organise tools and equipment in use

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. companys policies on: stone collection, safety and hazards and personnel management

KU2. work flow involved in gemstone processing of company

- KU3.** importance of the individuals role in the workflow
- KU4.** reporting structure
- KU5.** how different chemicals react and the danger involved
- KU6.** how to use machines and tools without suffering bodily harm

Generic Skills (GS)

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

- GS1.** effectively communicate the danger
- GS2.** keep all the tools in an organised manner so as to find them quickly
- GS3.** keep the work environment clean
- GS4.** report potential sources of danger
- GS5.** follow prescribed procedure in the event of an accident
- GS6.** avoid an accident by wearing appropriate safety gear
- GS7.** learn from past mistakes regarding use of hazardous machines or chemicals
- GS8.** spot dangers
- GS9.** organise tools so as the work process is smooth
- GS10.** report potential sources of danger
- GS11.** follow prescribed procedure in the event of an accident

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Communicating potential accident points</i>	1	3	-	-
PC1. spot and report potential hazards on time	1	1	-	-
PC2. follow company policy and rules regarding use of hazardous materials	-	1	-	-
PC3. deliver quality work on time as required by reporting any anticipated reasons for delays	-	1	-	-
<i>Using safety gear</i>	2	1	-	-
PC4. use or wear safety gear as per the rules of the company	2	1	-	-
<i>Cleanliness and hygiene</i>	-	2	-	-
PC5. clean the work station	-	1	-	-
PC6. organise tools and equipment in use	-	1	-	-
NOS Total	3	6	-	-

National Occupational Standards (NOS) Parameters

NOS Code	G&J/N9924
NOS Name	Maintain safety at work
Sector	Gem & Jewellery
Sub-Sector	Gemstone Processing
Occupation	Drilling
NSQF Level	2
Credits	1
Version	2.0
Last Reviewed Date	NA
Next Review Date	17/11/2025
NSQC Clearance Date	17/11/2022

DGT/VSQ/N0101: Employability Skills (30 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
- 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. understand the significance of employability skills in meeting the job requirements

Constitutional values – Citizenship

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

PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices

Becoming a Professional in the 21st Century

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

PC3. explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.

Basic English Skills

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

PC4. speak with others using some basic English phrases or sentences

Communication Skills

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

PC5. follow good manners while communicating with others

PC6. work with others in a team

Diversity & Inclusion

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

PC7. communicate and behave appropriately with all genders and PwD

PC8. report any issues related to sexual harassment

Financial and Legal Literacy

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

PC9. use various financial products and services safely and securely

PC10. calculate income, expenses, savings etc.

PC11. approach the concerned authorities for any exploitation as per legal rights and laws

Essential Digital Skills

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

PC12. operate digital devices and use its features and applications securely and safely

PC13. use internet and social media platforms securely and safely

Entrepreneurship

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

PC14. identify and assess opportunities for potential business

PC15. identify sources for arranging money and associated financial and legal challenges

Customer Service

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

PC16. identify different types of customers

PC17. identify customer needs and address them appropriately

PC18. follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

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

PC19. create a basic biodata

PC20. search for suitable jobs and apply

PC21. identify and register apprenticeship opportunities as per requirement

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. need for employability skills

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 basic spoken English language

KU6. Do and dont of effective communication

KU7. inclusivity and its importance

KU8. different types of disabilities and appropriate communication and behaviour towards PwD

KU9. different types of financial products and services

- KU10.** how to compute income and expenses
- KU11.** importance of maintaining safety and security in financial transactions
- KU12.** different legal rights and laws
- KU13.** how to operate digital devices and applications safely and securely
- KU14.** ways to identify business opportunities
- KU15.** types of customers and their needs
- KU16.** how to apply for a job and prepare for an interview
- KU17.** apprenticeship scheme and the process of registering on apprenticeship portal

Generic Skills (GS)

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

- GS1.** communicate effectively using appropriate language
- GS2.** behave politely and appropriately with all
- GS3.** perform basic calculations
- GS4.** solve problems effectively
- GS5.** be careful and attentive at work
- GS6.** use time effectively
- GS7.** maintain hygiene and sanitisation to avoid infection

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	1	3	-	-
PC3. explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	1	1	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	1	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	3	4	-	-
PC9. use various financial products and services safely and securely	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. calculate income, expenses, savings etc.	-	-	-	-
PC11. approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
<i>Essential Digital Skills</i>	4	6	-	-
PC12. operate digital devices and use its features and applications securely and safely	-	-	-	-
PC13. use internet and social media platforms securely and safely	-	-	-	-
<i>Entrepreneurship</i>	3	5	-	-
PC14. identify and assess opportunities for potential business	-	-	-	-
PC15. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
<i>Customer Service</i>	2	2	-	-
PC16. identify different types of customers	-	-	-	-
PC17. identify customer needs and address them appropriately	-	-	-	-
PC18. follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship & Jobs</i>	1	3	-	-
PC19. create a basic biodata	-	-	-	-
PC20. search for suitable jobs and apply	-	-	-	-
PC21. identify and register apprenticeship opportunities as per requirement	-	-	-	-
NOS Total	20	30	-	-

National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
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 proportion of marks for Theory and Skills Practical for each Element/ PC.
2. The assessment for the theory part will be based on 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 theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center 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.

Minimum Aggregate Passing % at QP Level : 70

(**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/N6601.Dop the gemstone	4	16	-	-	20	10
G&J/N6604.Give final shape to gemstone and calibrate	10	30	-	-	40	60
G&J/N9920.Maintain IPR of company	4	4	-	-	8	10
G&J/N9924.Maintain safety at work	3	6	-	-	9	10
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	0	0	50	10
Total	41	86	0	0	127	100

Acronyms

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

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.
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.