



QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR GEMS & JEWELLERY INDUSTRY



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What are Occupational Standards(OS)?

- OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

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Introduction

Qualifications Pack - Order Processor

SECTOR: GEMS & JEWELLERY

SUB-SECTOR: Cast and Diamonds-Set Jewellery

OCCUPATION: Marketing

REFERENCE ID: G&J/Q2202

ALIGNED TO: NCO-2004/NIL

Order processor: Also known as 'Order Taker' or "Order Preparer', the Order Processor is among the first set of individuals working in the jewellery manufacturing chain. Order Processor prepares the job sheet or order form based on customer order.

Brief Job Description: The individual prepares a job sheet based on design parameters of a jewellery order. The details on the job sheet serve as a blueprint for the subsequent processes in the jewellery piece's manufacturing.

Personal Attributes: The job requires the individual to have: attention to details and ability to work on computers for long hours. The individual must also be able to use reflective skills in order to develop improved work processes.





Qualifications Pack Code	G&J/Q2202		
Job Role	Order I	Processor (Cast Jewello	ery)
Credits(NSQF)	TBD	Version number	1.0
Sector	Gems & Jewellery	Drafted on	29/05/13
Sub-sector	Cast and Diamond-set Jewellery	Last reviewed on	13/08/14
Occupation	Marketing	Next review date	12/08/15

Job Role	Order Processor		
	Also called 'Order Taker', 'Order Preparer'		
Role Description	Receiving customer order for jewellery and recording on the job sheet or order form, details such as size, weight, model, delivery due date, type of product, raw materials		
NSQF level	3		
Minimum Educational Qualifications	Preferably 10 th Standard Passed		
Maximum Educational Qualifications			
Training	Not applicable		
Experience	Not applicable		
	Compulsory:		
	1. <u>G&J/N2201 Prepare order form</u>		
	2. <u>G&J/N9901 Respect and maintain IPR</u>		
Applicable National Occupational	3. <u>G&J/N9902 Coordinate with others</u>		
Standards (NOS)	4. <u>G&J/N9905 Maintain occupational health and safety</u>		
	Optional:		
	Not applicable		
Performance Criteria	As described in the relevant OS units		

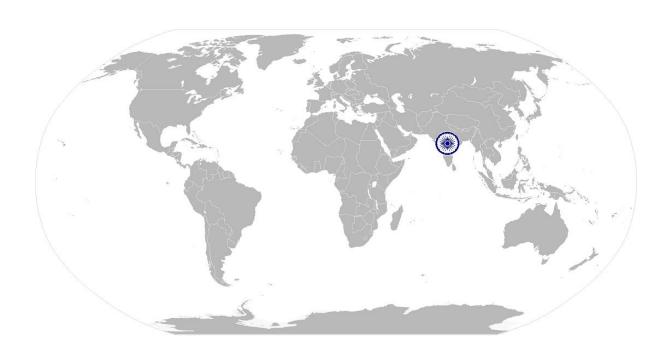






G&J/N2201 Prepare order form

National Occupational Standard



Overview

This unit is about preparing the order form or job sheet based on customer order received for manufacturing a jewellery piece or a bulk order, which is one of the first steps in the jewellery manufacturing process work flow.







Prepare order form

Unit Code	G&J/N2201		
Unit Title (Task)	Prepare order form or job sheet		
Description Scope	This OS unit is about processing customer order in order to prepare a job sheet or order form for use in subsequent work flow of manufacturing and delivering it This unit/task covers the following:		
	 Receive customer's order Prepare order form or job sheet Call or contact customer to confirm order, incorporate changes based on customer's feedback and to send final order form to customer and superior for validation Interact with other departments to check with stores department for raw materials available such as components, precious metal, and gemstones/diamonds Share new order form with Production Manager, Quality Check department and seniors Track order to follow-up with supervisors on delivery schedule, jewellery manufacturing status Report problems related to computer failure, design mismatch between order received and that in design bank or catalogue and delivery schedule mismatch 		
Performance Criteria(I	PC) w.r.t. the Scope		
Element	Performance Criteria		
Order processing	To be competent, the user/individual on the job must be able to: PC1. Receive customer's order by e-mail, on telephone, by printed communication, by electronic data information (EDI), from sales executive, as queries from exhibitions, from online shop PC2. match order with existing design or model PC3. save a copy of order on computer		
	 PC4. record customer's details such as name, contact person, domestic or exports and other relevant details PC5. record jewellery design type ordered with details such as from catalogue or design bank or fresh, design number or model number, product type, e.g., necklace, bangle PC6. record detailing of jewellery ordered such as size, weight of gold and stones, details such bangle as with clip or without clip PC7. record type of manufacturing process, i.e., casting or handmade 		
	PC8. note casting requirement such as number of pieces to be made PC9. record additional information such as different types of plating,		







Prepare order form

	PC10. record amount of raw materials required and permitted gold loss		
	PC11. record delivery due date		
	PC12. make timely delivery of order form to Production department		
	PC13. accurately match customer's sample with design bank or catalogue		
	PC14. accurately record detailing requirement of jewellery ordered		
	PC15. accurately assess time required for delivery		
	PC16. maintain order track for timely delivery of product		
	PC17. receive customer's and senior's consent on order form		
Handling problems			
Handling problems	To be competent, the user/individual on the job must be able to:		
	PC18. check availability of materials and equipment		
	PC19. decide whether the design ordered can be made by casting process		
Knowledge and Unders	standing (K)		
A. Organizational	The individual on the job needs to know and understand:		
Context	KA1. company's policies on: Acceptable limits of gold loss per product type;		
(Knowledge of the	delivery timelines; safety and hazards; integrity; and personnel management		
`	KA2. work flow involved in company's jewellery manufacturing process and time		
company /	required to complete each stage		
organization and	KA3. importance of the individual's role in the workflow		
its processes)	·		
its processes,	KA4. reporting structure		
B. Technical	The user/individual on the job needs to know and understand:		
Knowledge	KB1. the different types of jewellery available with the company		
	KB2. terminologies used in jewellery manufacturing, both local and global		
	KB3. types of precious metals and gemstones		
	KB4. different types of jewellery and their making technique		
	Kb4. different types of Jewenery and their making technique		
Skills (S) [Optional]			
A. Core Skills/	Basic reading and typing skills		
Generic Skills	The user/individual on the job needs to know and understand how:		
Generic Skins	SA1. to read design requirements of customer		
	SA2. to write job sheet or order form		
	SA3. to communicate with customer		
	Calculation skills		
	The user/individual on the job needs to know and understand how:		
	SA4. to assess the material requirement for making the jewellery ordered		
	· · · · · · · · · · · · · · · · · · ·		
	Communication skills		
	The user/individual on the job needs to know and understand how:		
	SA5. to communicate effectively with customer, seniors and colleagues		
	SA6. to educate the customer if the design required cannot be made by casting		
	process		
B. Professional Skills	Computer skills		
	The user/individual on the job needs to know and understand how:		
	SB1. to use software for generating job sheet		
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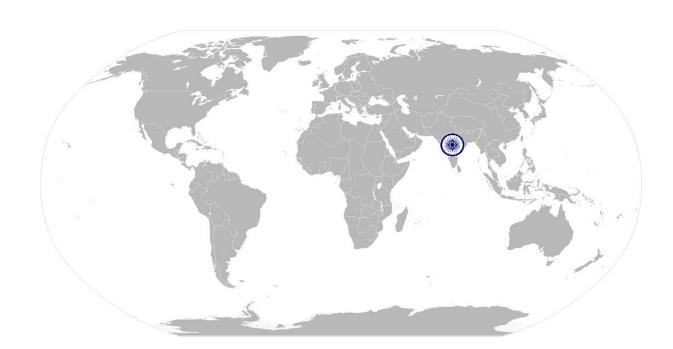






Prepare order form

SB2. to use MS Office tools for writing and recording SB3. to import photograph in data bank and match
Decision making
The user/individual on the job needs to know and understand how:
SB4. to inform customer about any mismatch of expectations
SB5. to assess raw materials required for making new jewellery









Prepare order form

NOS Version Control

NOS Code	G&J/N2201		
Credits(NSQF)	TBD	Version number	1.0
Industry	Gems & Jewellery	Drafted on	29/05/13
Industry Sub-sector	Cast and Diamond-set Jewellery	Last reviewed on	13/08/14
Occupation	Marketing	Next review date	12/08/15





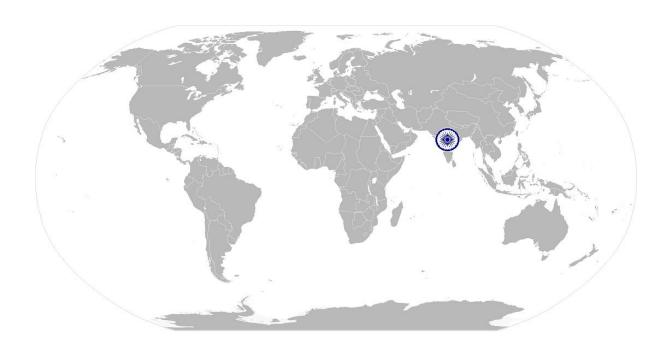






Respect and maintain IPR

National Occupational Standard



Overview

This unit is about respecting intellectual property rights of the company's products and designs as well as avoiding infringement on IPR of other companies.







Respect and maintain IPR

Unit Code	G&J/N9901
Unit Title (Task)	Maintain IPR of company and respect IPR of other companies
Description	This OS unit is about protecting company's IPR and avoiding infringement to IPR of other companies
Scope	 This unit/task covers the following: Protect company's Intellectual Property Rights (IPR) Avoid infringement to IPR of other companies
Performance Criteria(P	C) w.r.t. the Scope
Element	Performance Criteria
Respecting and Maintaining IPR	To be competent, the user/individual on the job must be able to: PC1. prevent leak of new designs to competitors by reporting on time PC2. be aware of any of company's product or design patents PC3. report IPR violations observed in the market, to supervisor or company heads PC4. read copyright clause of the material published on the internet and any other printed material PC5. consult supervisor or senior management when in doubt about using publicly available information PC6. report any infringement observed in the company PC7. spot plagiarism and report PC8. understand significance of patents and IPR PC9. avoid being involved in IPR violations
Knowledge and I	Understanding (K)
B. Organizational Context	The user/individual on the job needs to know and understand: KA1. company's policies on IPR and plagiarism KA2. reporting structure KA3. company's unique product range
B. Technical Knowledge	The user/individual on the job needs to know and understand: KB1. patents and IPR laws KB2. how IPR protection is important for competitiveness of a company
Skills (S) [Optional]	
C. Core Skills/ Generic Skills	Communication skills The user/ individual on the job needs to know and understand how to: SA1. effectively communicate any observed IPR violations or order leaks
D. Professional Skills	Decision making
	The user/individual on the job needs to know and understand how to: SA1. report potential sources of violations
	Reflective thinking

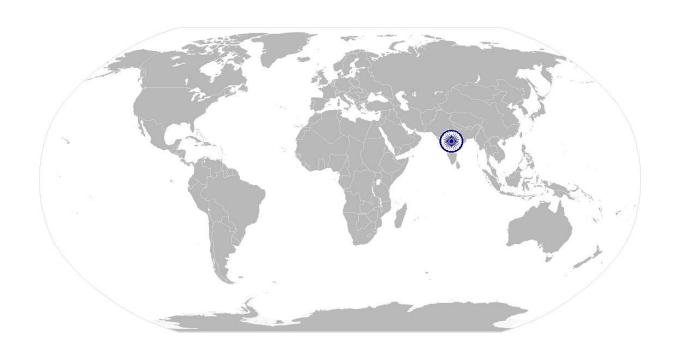






Respect and maintain IPR

G 660/11/2/01	respect the mantan II r
	The user/individual on the job needs to know and understand to:
	SA2. learn from past mistakes and report IPR violations on time
	Critical thinking
	The user/individual on the job needs to know and understand how to:
	SA3. spot signs of violations and alert authorities in time





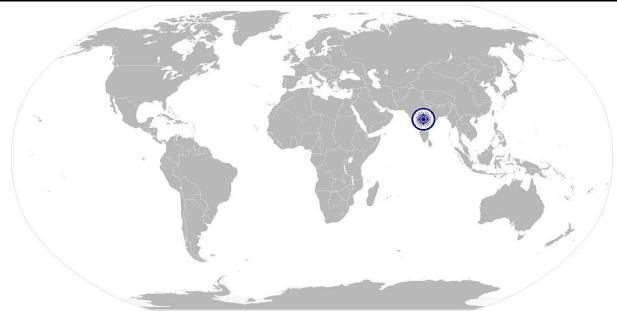




Respect and maintain IPR

NOS Version Control

NOS Code	G&J/N9901		
Credits(NSQF)	TBD	Version number	1.0
Industry	Gems & Jewellery	Drafted on	29/05/13
Industry Sub-sector	Cast and Diamond-set Jewellery	Last reviewed on	13/08/14
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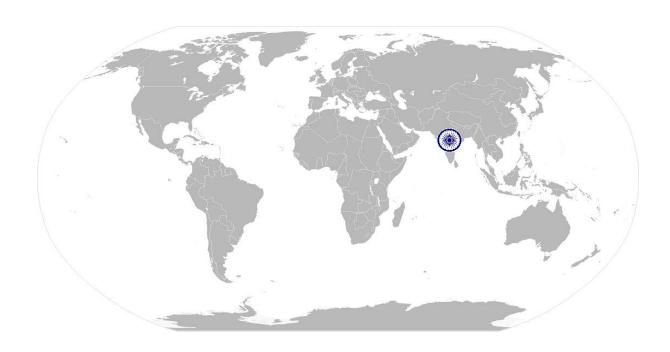






Coordinate with others

National Occupational Standard



Overview

This unit is about team work and level of communication with colleagues or clients. It determines the ability to work as a team member, share work and multi-task in order to achieve the deliverables on schedule.







Coordinate with others

Unit Code	G&J/N9902
Unit Title (Task)	Interact with colleagues and seniors
Description	This OS unit is about communicating with colleagues and seniors in order to achieve smooth and hazard-free work flow
Scope	 This unit/task covers the following: Interact with supervisor Interact with colleagues within and outside the department
Performance Criteria(P	PC) w.r.t. the Scope
Interaction with supervisor Interactions with colleagues and other departments	Performance Criteria To be competent, the user/individual on the job must be able to: PC1. receive work instructions and raw materials from reporting supervisor PC2. communicate to reporting supervisor about process-flow improvements, product defects received from previous process, repairs and maintenance of tools and machinery as required PC3. communicate any potential hazards or expected process disruptions PC4. handover completed work to supervisor PC5. understand the work output requirements PC6. comply with company policy and rule PC7. deliver quality work on time as required by reporting any anticipated reasons for delays To be competent, the user/individual on the job must be able to: PC8. work as a team with colleagues and share work as per their or own work load and skills PC9. work with colleagues of other departments PC10. communicate and discuss work flow related difficulties in order to find solutions with mutual agreement
Knowledge and Unders	PC11. receive feedback from qc and rework in order to complete work on time PC12. put team over individual goals PC13. be able to resolve conflicts PC14. learn how to multi-task relevant activities
A. Organizational Context	The user/individual on the job needs to know and understand: KA1. company's policies on: preferred language of communication, reporting and escalation policy, quality delivery standards, and personnel management KA2. reporting structure
B. Technical Knowledge	The user/individual on the job needs to know and understand how to: KB1. communicate effectively KB2. build team coordination







Coordinate with others

Skills (S) [Optional]			
A. Core Skills/	Communication skills		
Generic Skills	The individual on the job needs to know and understand how to:		
	SA1. read and write preferred language of communication as prescribed by the		
	company		
	SA2. read job sheets and interpret technical details mentioned in the jobsheet		
B. Professional Skills	Decision making		
	The individual on the job needs to know and understand:		
	SB1. how to spot and communicate potential areas of disruptions to work process		
	and report the same		
	SB2. when to report to supervisor and when to deal with a colleague individually,		
	depending on the type of concern		
	Reflective thinking		
	The individual on the job needs to know and understand how to:		
	SB3. improve work processes by interacting with others and adopting best		
	practices		
	Critical thinking		
	The individual on the job needs know and understand how to:		
	SB4. spot process disruptions and delays and report and communicate with		
	solutions		



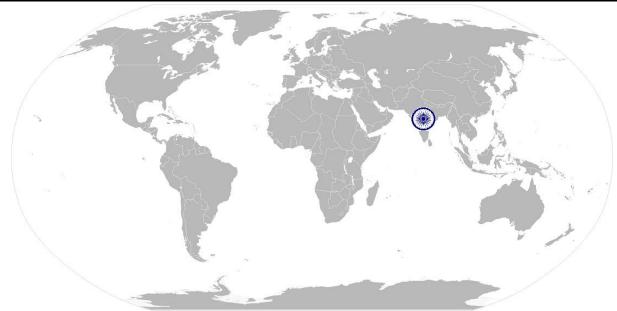




Coordinate with others

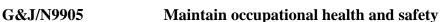
NOS Version Control

NOS Code	G&J/N9902		
Credits(NSQF)	TBD	Version number	1.0
Industry	Gems & Jewellery	Drafted on	29/05/13
Industry Sub-sector	Cast and diamond-set jewellery	Last reviewed on	13/08/14
		Next review date	12/08/15



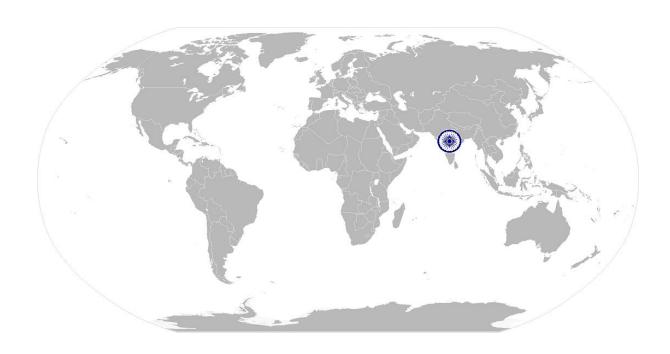








National Occupational Standard



Overview

This unit is about commitment towards reporting potential hazards, taking preventive measures to contain accidents in order to make the work environment safe for self and colleagues and maintaining occupational health and safety.







G&J/N9905	Maintain occupational health and safety

Unit Code	G&J/N9905
Unit Title	
(Task)	Maintain occupational health and safety
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 occupational health and safety
Scope	This unit/task covers the following:
	 Understand potential sources of accidents Use safety gear to avoid accidents Actively participate in the health and safety awareness campaigns Communicate to reporting supervisor about:
Performance Criteria(P	C) w.r.t. the Scope
Element	Performance Criteria
Communicating potential accident points Using safety gear	To be competent, the user/individual on the job must be able to: PC1. understand potential sources of accidents in order to avoid accidents related to use of potentially dangerous chemicals, sharp tools, hazards from machines and other equipment such as heating lamps PC2. spot and report potential hazards on time follow company policy and rules regarding use of hazardous materials PC4. attend and actively participate in the health and safety campaigns organised by the company PC5. Process flow improvements that can reduce anticipated or repetitive hazards PC6. Mishandling of tools, machines or hazardous materials PC7. Electrical problems that could result in accident To be competent, the user/individual on the job must be able to: PC8. use or wear safety gear as per the rules of the company PC9. attend fire drills organised by the company or industrial zone PC10. learn first aid procedure
	PC11. be alert about designated assembly area in the event of an emergency PC12. read and understand the evacuation and emergency procedures
Knowledge and Unders	
A. Organizational Context	The user/individual on the job needs to know and understand: KA1. company's policies on: safety and hazards and personnel management KA2. reporting structure
B. Technical Knowledge	The user/individual on the job needs to know and understand: KB1. how different chemicals react and what could be the danger from them KB2. how to use machines and tools without suffering bodily harm
Skills (S) [Optional]	
A. Core Skills/	Communication skills
Generic Skills	The individual on the job needs to know and understand how to: SA1. effectively communicate the danger







G&J/N9905	Maint	tain occupational health and safety

	Organising skills				
	The individual on the job needs to know and understand how to:				
	SA2. keep all the tools in an organised manner so as to avoid accidents				
	SA3. keep the work environment safe and clean				
B. Professional Skills	Decision making				
	The individual on the job needs to know and understand how to:				
	SB1. report potential sources of danger				
	SB2. follow prescribed procedure in the event of an accident				
	SB3. wear appropriate safety gear to avoid an accident				
	Reflective thinking				
	The individual on the job needs to know and understand to:				
	SB4. learn from past mistakes regarding use of hazardous machines or chemicals				
	Critical thinking				
	The individual on the job needs to know and understand how to:				
	SB5. spot dangers				
	Decision making				
	The individual on the job needs to know and prestand how to:				
	SB6. report potential sources of danger				
	SB7. follow prescribed procedure in the event of an accident				
	SB8. wear appropriate safety gear to avoid an accident				



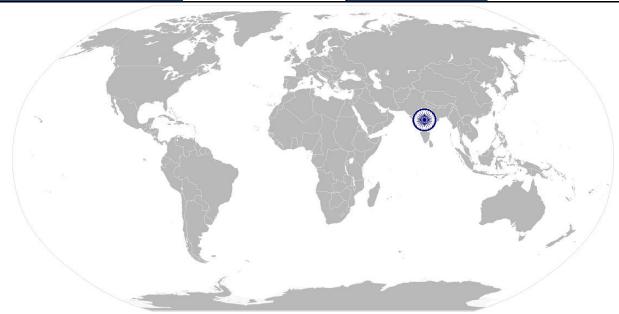




Maintain occupational health and safety

NOS Version Control

NOS Code	G&J/N9905		
Credits(NSQF)	TBD	Version number	1.0
Industry	Gems & Jewellery	Drafted on	29/05/13
Industry Sub-sector	Cast and diamond-set jewellery	Last reviewed on	13/08/14
		Next review date	12/08/15







Keywords /Terms	Description		
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.		
Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or an area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of OS.		
Sub-function	Sub-functions are sub-activities essential to fulfil the achieving the objectives of the function.		
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 they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.		
Performance Criteria	Performance criteria are statements that together specify the standard of performance required when carrying out a task.		
National Occupational	NOS are occupational standards which apply uniquely in the Indian		
Standards (OS)	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	Knowledge and understanding are statements which together specify the		
Understanding	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		



Qualifications Pack for Order Processor



	specific designated responsibilities.
Core Skills/ Generic Skills	Core skills or generic skills 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.
Keywords /Terms	Description
CAD	Computer Aided Design
CAM	Computer Aided Manufacturing
IPR	Intellectual Property Rights
NOS	National Occupational Standard(s)
NVQF	National Vocational Qualifications Framework
NSQF	National Qualifications Framework
NVEQF	National Vocational Education Qualifications Framework
QP	Qualifications Pack

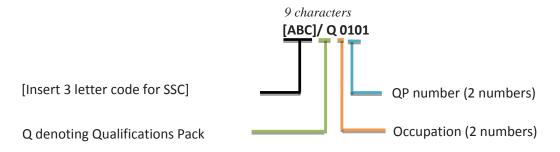




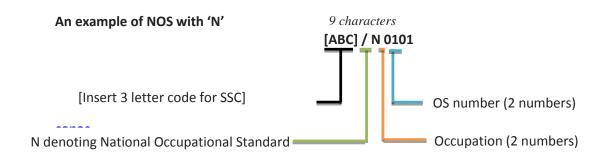
Annexure

Nomenclature for QP and NOS

Qualifications Pack



Occupational Standard



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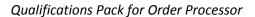
Qualifications Pack for Order Processor



The following acronyms/codes have been used in the nomenclature above:

Sub-sector	Range of Occupation numbers
Handmade gold and gems-set jewellery	01-20
Cast and diamond-set jewellery	21-40
Diamond processing	41-60
Gemstone processing	61-80
Jewellery retailing	81-98

Sequence	Description	Example
Three letters	Industry name	G&J
Slash	/	/
Next letter	Whether Q P or N OS	N
Next two numbers	Occupation code	01
Next two numbers	OS number	01







CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role

Qualification Pack
Sector Skill Council

Order Processor
Order Processor
GEMS & JEWELLERY

To pass the Assessment, a candidate needs to score 50% in Theory and 70% in Practical

		Assessment Strategy	Marks	Allocation
NOS	Elements	Performance Criteria	Theory	Practical
		PC1. make timely delivery of order form to Production department	2	14
		PC2. accurately match customer's sample with design bank or catalogue	2	12
		PC3. accurately record detailing requirement of jewellery ordered	1	10
	Order processing	PC4. accurately assess time required for delivery	1	9
1. G&J/N2201 Prepare order form		PC5. maintain order track for timely delivery of product	1	8
Frepare order form		PC5. receive customer's and senior's consent on order form	1	6
		PC6. check availability of materials and equipment	1	6
	Handling Problems	PC7. Decide whether the design ordered can be made by casting process	1	5
		Sub Total	10	70
2. G&J/N9901 Respect & Respecting & Maintaining IPR	Respecting &	PC1. be able to spot plagiarism and report	1	0
		PC2. be aware of patents and IPR	1	0
	PC3. not be involved in IPR violations	1	0	
	Sub Total	3	0	
		PC1. understand the work output requirements	2	2
	Interaction with superior	PC2. comply with company policy and rule	1	1
3. G&J/N9902		PC3. deliver quality work on time as required by reporting any anticipated reasons for delays	1	1
Coordinate with	Interactions with colleagues, customers and/or vendors	PC4. put team over individual goals	1	0
others		PC5. resolve conflicts and multi-task	0	1
		PC6. take appropriate action taken at the right time as per company policy	0	1
		Sub Total	5	6



Qualifications Pack for Order Processor



		CRITERIA FOR ASSESSMENT OF TRAINEES		
4. G&J/N9905 Maintain occupational health and safety Communicating potential accident points Using safety gear	PC1. spot and report potential hazards on time	1	1	
	PC2. follow company policy and rules regarding use of hazardous materials	1	1	
	PC3. deliver quality work on time as required by reporting any anticipated reasons for delays	0	1	
	PC4. use or wear safety gear as per the rules of the company	0	1	
		Sub Total	2	4
		Total	20	80



