

### QUALIFICATIONS PACK- OCCUPATIONAL STANDARDS FOR PLUMBING

# 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 – Plumber (General)**

**SECTOR: PLUMBING INDUSTRY** 

**SUB-SECTOR:** Contractors

**OCCUPATION:** Plumbing

**REFERENCE ID:** PSC/Q0104

**ALIGNED TO:** NCO-2004/7136.10

**Plumber (General):** Plumber (General) is an important job role in installation

and repair of plumbing fittings and fixtures in 'contractors' segment.

**Brief Job Description:** A Plumber (General) is responsible for installation, minor repair and maintenance of pipes and sanitary fixtures in housing, commercial and institutional setups.

**Personal Attributes:** He should be able to work independently on his assignment. He should be comfortable in performing laborious work. He should be a good listener. He should be good at taking and following instructions. He should be a good team player. He should be result oriented and positive in attitude.



Qualifications Pack Code	PSC/Q0104			
Job Role	Plumber (General)			
Credits(NVEQF/NVQF/NSQF) [OPTIONAL]	TBD Version number 0.1			
Sector	Plumbing Drafted on 15/07/13			
Sub-sector	Contractors	Last reviewed on	30/07/13	
Occupation	Plumbing	Next review date	31/01/14	

Job Role	Plumber (General)	
Role Description	Responsible for installation, minor repair and maintenance of pipes and sanitary fixtures in domestic, commercial and institutional setups.	
NVEQF/NVQF level	3	
Minimum Educational Qualifications*	5 <sup>th</sup> (To be revised to 10 <sup>th</sup> post 31 <sup>st</sup> December, 2017)	
Maximum Educational Qualifications*	N.A.	
Training (Suggested but not mandatory)	On-the-job training.	
Experience	In lieu of minimum qualification the employee has worked as a semi-skilled helper for minimum 2 years in the same role.	
	Compulsory:	
	<ol> <li>PSC/ N 0101 (<u>Installation of basic sanitary fixtures</u>, <u>fittings</u>, <u>related piping and accessories</u>)</li> </ol>	
	2. PSC/ N 0102 (Repair of basic plumbing systems)	
Applicable National Occupational	3. PSC/ N 0108 (Coordinating with the senior and other	
Standards (NOS)	working team)	
	4. PSC/ N 0109 (Maintain a healthy, safe and secure	
	working environment)	
	Optional:	
	5. N.A.	
Performance Criteria	As described in the relevant OS units	



Keywords /Terms	Description		
Sector	Sector is a conglomeration of different business operations having similar businesses 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 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.		
Job Role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.		
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 Performance Criteria are statements that together specify the Criteria performance required when carrying out a task.			
NOS	NOS are Occupational Standards which apply uniquely in the Indian context.		
Qualifications Pack  Qualifications Pack Code is a unique reference code that identi  Qualifications pack.			
Qualifications Pack	Qualifications Pack comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A Qualifications Pack is assigned a unique qualification 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.		
Knowledge and Understanding	Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.		
Organizational Context	Organizational Context includes the way the organization 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 or Generic Skills	Core Skills or Generic Skills are a group of skills that are key to learning and working 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.		





# Acronyms

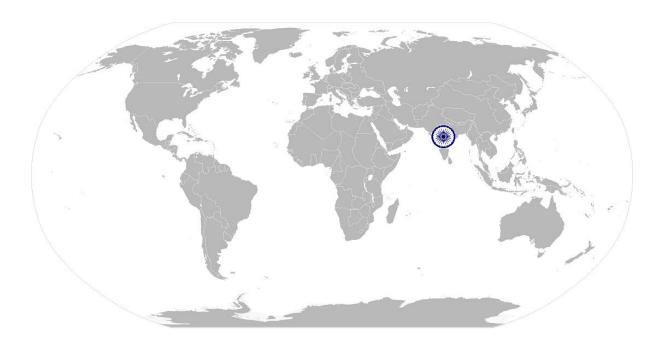
Keywords /Terms	Description	
IPSC	Indian Plumbing Skills council	
NOS	National Occupational Standards	
NSQF	National Skills Qualification Framework	
NVEQF	National Vocational Educational Qualification Framework	
NVQF	National Vocational Qualification Framework	
OS	Occupational Standards	
PC	Performance Criteria	
QP	Qualification Pack	
SSC	Sector Skills Council	





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# National Occupational Standard



# **Overview**

This unit is about installation of pipes and sanitary fixtures in housing, commercial and institutional setups.





Unit Code	PSC/N0101		
Unit Title (Task)	Installation of basic sanitary fixtures, fittings, related piping and accessories		
Description	This OS unit is about installation of pipes and sanitary fixtures in housing, commercial and institutional setups		
Scope	This unit/task covers the following:		
	Pre-installation		
	<ul> <li>pre-installation related activities involving understanding of the task, material preparation, taking measurements and marking the positions</li> </ul>		
	Installation		
	installation related activities of pipes and sanitary fixtures  Post-installation		
	basic quality check of the installed fittings and fixtures		
	testing, commissioning and handover activities		

# Performance Criteria(PC) w.r.t. the Scope

Element	Performance Criteria	
Pre-installation	To be competent, the user/individual on the job must be able to:	
	PC1. understand the task to be done	
	PC2. assemble pipe sections, tubing and fittings, using couplings, clamps, screws,	
	bolts, caulking tools, or cutting, threading and joining equipment	
	PC3. establish the sequence of pipe installations	
	PC4. plan installation around obstructions such as electrical wiring, etc.	
	PC5. locate and mark the position of pipe installations, connections, passage holes,	
	and fixtures in structures, using measuring instruments such as rulers and	
	levels	
Installation	PC6. cut openings in structures to accommodate pipes and pipe fittings, using hand	
	and power tools (if required)	
	C7. measure, cut, thread, and bend pipe to required angle, using hand and power	
	tools or equipment such as cutting, threading and bending equipment	
	PC8. hang steel supports from ceiling joists to hold pipes in place (if required)	
	PC9. install pipe assemblies, fittings, valves, appliances such as dishwashers and	
	water heaters, and fixtures such as sinks and toilets, using hand and power	
	tools	
Productivity &	PC10. test the joints and fixtures for proper functioning	
Quality of output	PC11. clear the work area and waste disposal	





Kn	owledge and Unders	standing (K)	
A.	Organizational	The user/individual on the job needs to know and understand:	
	Context	KA1. company's policies on: quality and delivery standards, safety and hazards,	
		integrity, dress code, etc.	
		KA2. importance of the individual's role in the work flow	
		KA3. risk and impact of not following defined procedures/work instructions	
		KA4. how to handover/ takeover of the equipment / work area as per the	
		instructions	
В.	Technical	The user/individual on the job needs to know and understand:	
	Knowledge	KB1. different types of materials (CI/GI/PVC pipes, etc.), basic sanitary fittings	
		(valves, clamps, elbows, etc.) and fixtures (showers, taps, basins, etc.)	
		KB2. techniques related to cutting, bending and joining of fittings and fixtures	
		KB3. various types of defects such as leakages, improper alignment, etc.	
		KB4. basic plumbing terminology	
		KB5. relevant hand and power tools such as wrenches, plier, screwdriver, power	
		drill, pipe cutter, crimping tool, pipe bender, threading tool, hacksaw, metal	
		file,, etc.	
		KB6. units of measurement	
		KB7. material disposal procedure, importance of appropriate disposal of material	
Ski	lls (S)		
A.	. Core Skills/ Communicationskills		
	Generic Skills	The user/individual on the job needs to know and understand how to:	
		SA1. communicate in Hindi / regional language	
		Measurement/positioning skills	
		SA2. perform simple mathematical calculations	
		SA3. measure and mark positions as per instructions	
		Teamwork	
		SA4. share work load as required	
		SA5. accept and interpret instructions and requirements correctly	
		SA6. co-ordinate with co-workers and sub-ordinates	
B.	<b>Professional Skills</b>	Use of tools and machines	
		The user/individual on the job needs to know and understand how to:	
		. identify tools, equipment and procedures required for installing piping	
		fixtures and fittings	
		SB2. use following key tools, equipment and consumables for installing piping	
		fixtures and fittings:	





Tape measure	Hammers	
Hack saw	<ul> <li>Wrenches</li> </ul>	
Pipe bender	<ul> <li>Threading tool</li> </ul>	
Screwdrivers	<ul> <li>Caulking tool</li> </ul>	
• Pliers	Pipe cutters	
• Chisels	• 2ft level	
Allen keys	Step ladder	
• Files	<ul> <li>Safety, Gloves/goggles/ear plugs</li> </ul>	
SB3. operate, maintain and rep	pair tools	
Installation techniques		
SB4. carry out pre-installation	preparation as per requirement	
SB5. align and join pipes and fi	ixtures as per requirement	
SB6. stack and store materials and equipment appropriately at the task site		
SB7. test installed fittings and	fixtures	

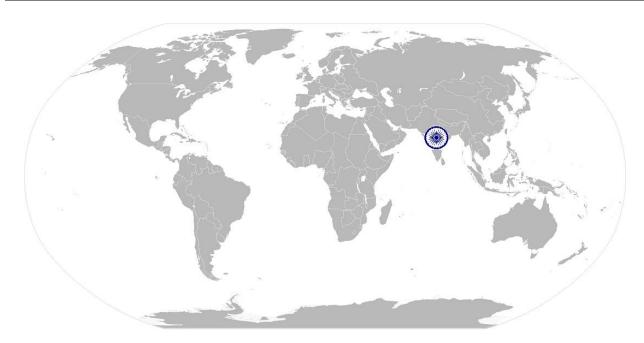






# **NOS Version Control**

NOS Code	PSC /N0101			
Credits(NVEQF/NVQF/NSQF) [OPTIONAL]	TBD Version number 0.1			
Industry	Plumbing	Drafted on	15/07/13	
Industry Sub-sector	Contractors	Last reviewed on	30/07/13	
		Next review date	31/01/14	

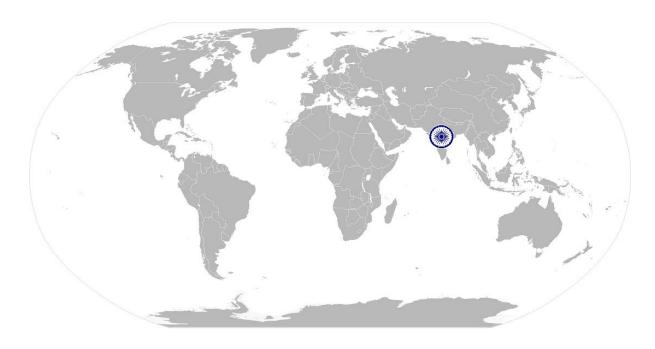






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# National Occupational Standard



# **Overview**

This unit is about repair of pipes and sanitary fixtures in housing, commercial and institutional setups.





Unit Code	PSC/N0102			
Unit Title (Task)	Repair of basic plumbing systems			
Description	This OS unit is about repair of pipes and sanitary fixtures in housing, commercial and			
	stitutional setups			
Scope	This unit/task covers the following:			
	Diagnosis and Repair			
	diagnosis related activities like understanding the installed system, basic			
	inspection and identification of the fault in the system			
	repair related activities like replacement etc. with minimal damage to other			
	systems			
Performance Criteria(P	C) w.r.t. the Scope			
Element	Performance Criteria			
Diagnosis	To be competent, the user/individual on the job must be able to:			
	PC1. understand the installed plumbing system			
	PC2. identify the problem/fault in the system and its cause			
	PC3. establish the sequence of repair			
	PC4. assemble fittings, fixtures and tools required for the task			
Repair	PC5. locate and mark the position of the component to be replaced/repaired, using			
	measuring instruments such as rulers and levels			
	PC6. cut openings in structures to remove defected pipes and pipe fittings, using			
	hand and power tools			
	PC7. measure, cut, thread, and bend pipes to required angle, using hand and			
power tools or equipment such as cutting, threading and bending				
PC8. replace with new pipe assemblies, fittings, valves, appliances such				
dishwashers and water heaters, and fixtures such as sinks and toilets				
	hand and power tools			
	PC9. test the joints and fixtures for proper functioning			
	PC10. clear the work area and waste disposal			
Quality of output	PC11. deliver the task in time			
	PC12. achieve quality finishing in repair of sanitary fixtures and fittings			
	PC13. ensure minimal wastage of material			
	PC14. ensure minimal damage to other systems			
Knowledge and Unders	Knowledge and Understanding (K)			





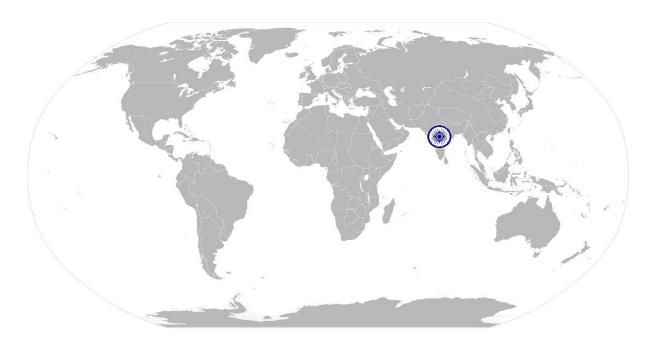
A.	Organizational	The user/individual on the job needs to know and understand:		
	Context	KA1.	company's policies on: quality and delivery standards, safety and hazards,	
			integrity, dress code, etc.	
		KA2.	risk and impact of not following defined procedures/work instructions	
		KA3.	how to handover/ takeover of the equipment / work area as per the	
			instructions	
В.	Technical	The use	er/individual on the job needs to know and understand:	
	Knowledge	KB1.	different types of materials (CI/GI/PVC pipes, etc.), basic sanitary fittings	
			(valves, clamps, elbows, etc.) and fixtures (showers, taps, basins, etc.)	
		KB2.	techniques related to cutting, bending and joining of fittings and fixtures	
		КВЗ.	various types of defects such as leakages, improper alignment, etc.	
		KB4.	basic plumbing terminology	
		KB5.	relevant hand and power tools such as wrenches, pliers, screwdriver, power	
			drill, pipe cutter, crimping tool, pipe bender, threading tool, hacksaw, metal	
			file,, etc.	
		KB6.	units of measurement	
		KB7.	material disposal procedure, importance of appropriate disposal of material	
Ski	Skills (S)			
A.	Core Skills/	Commi	unication skills	
	Generic Skills	The user/individual on the job needs to know and understand how to:		
		SA1.	communicate in Hindi / regional language	
		Measu	rement/positioning skills	
		SA2.	perform simple mathematical calculations	
		SA3.	measure and mark positions as per instructions	
		Teamw	vork	
		SA4.	share work load as required and co-ordinate with others	
		SA5.	accept and interpret instructions and requirements correctly	
B.	<b>Professional Skills</b>	Use of	tools and machines	
		The use	er/individual on the job needs to know and understand how to:	
		SB1.	use relevant tools, equipment and consumables for repair and maintenance	
	of piping fixtures and fittings		of piping fixtures and fittings	
		SB2. operate, maintain and repair tools		
		Repair and maintenance techniques		
		SB3. carry out diagnosis and preparatory work as per requirement		
		SB4.	replace pipes and fixtures so as to rectify the system	
		SB5.	stack and store materials and equipment appropriately at the task site	
			test repaired fittings and fixtures	





# **NOS Version Control**

NOS Code	PSC/N0102		
Credits(NVEQF/NVQF/NSQF) [OPTIONAL]	TBD	Version number	0.1
Industry	Plumbing	Drafted on	15/07/13
Industry Sub-sector	Contractors	Last reviewed on	30/07/13
		Next review date	31/01/14



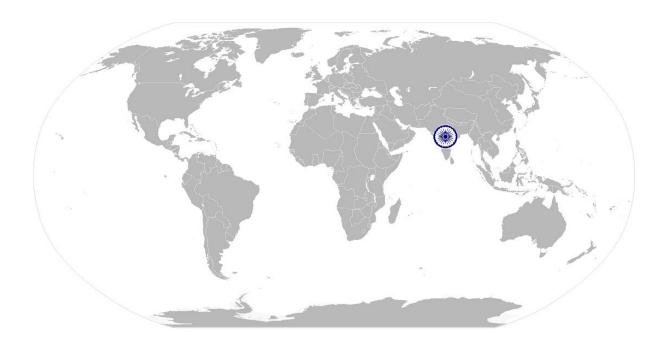




PSC/N0108 Coordinating with the senior and other working team

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# 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.

**Unit Code** 





### PSC/N0108 Coordinating with the senior and other working team

PSC/N0108

	100,000			
Unit Title (Task)	Coordinating with the senior and other working team			
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 senior			
	receive work instructions, discuss task status and receive feedback			
	Interact with colleagues within and outside the team			
	<ul> <li>communicate and discuss work flow, problems faced, possible solutions and</li> </ul>			
	pass on the learning within and outside the team			
Performance Criteria(P	C) w.r.t. the Scope			
Element	Performance Criteria			
Interaction with	To be competent, the user/individual on the job must be able to:			
senior	PC1. receive work instructions and raw materials from reporting senior			
	PC2. communicate to reporting senior about task status, repairs and maintenance			
	of tools and equipment as required			
	PC3. communicate any potential hazards and expected process disruptions			
	PC4. handover completed task to reporting senior			
	PC5. receive feedback from reporting senior			
	PC6. report any anticipated reasons for delays			
Interact with	PC7. work as a team with colleagues and share work as per the work load and skills			
colleagues within and	PC8. work with colleagues of other teams			
outside the team	PC9. communicate and discuss work flow related difficulties in order to find			
	solution with mutual agreement			
	PC10. taking instructions from the reporting senior			
	PC11. report problem/incident etc.			
	PC12. put team over individual goals			
	PC13. resolve conflicts			
Knowledge and Unders	standing (K)			
A. Organizational	The user/individual on the job needs to know and understand:			
Context	KA1. company's policies on: preferred language of communication, quality delivery			
	standards and personnel management			
	KA2. reporting structure			





# PSC/N0108 Coordinating with the senior and other working team

B.	Technical	The user/individual on the job needs to know and understand:				
	Knowledge	KB1.	effective ways of communication			
		KB2.	building team co-ordination			
Ski	ills (S)					
A.	Core Skills/	Comm	unication skills			
	Generic Skills	The use	er/individual on the job needs to know and understand how to:			
		SA1.	communicate in Hindi / regional language			
		Teamw	vork			
		SA2.	share work load as required			
		SA3.	accept and interpret instructions and requirements correctly			
		SA4.	co-ordinate with co-workers and sub-ordinates			
В.	<b>Professional Skills</b>	Decisio	on making			
		The use	er/individual on the job needs to know and understand:			
		SB1.	how to spot and communicate potential areas of disruptions to work process			
		12	and report the same			
		SB2.	when to report to senior and when to deal with a colleague individually,			
			depending on the type of concern			
		Reflect	ive thinking			
		SB3.	improve work processes by interacting with others and adopting best practices			

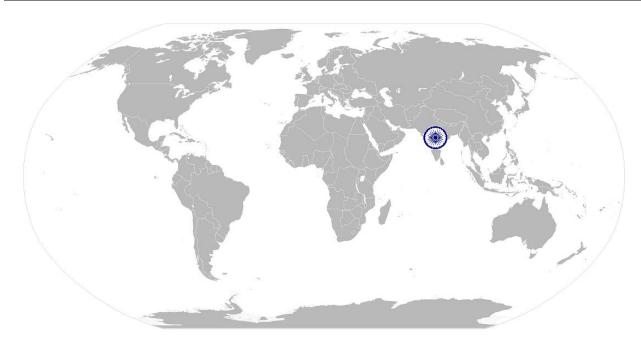




# PSC/N0108 Coordinating with the senior and other working team

# **NOS Version Control**

NOS Code	PSC/N0108					
Credits(NVEQF/NVQF/NSQF) [OPTIONAL]	TBD Version number 0.1					
Industry	Plumbing	Drafted on	15/07/13			
Industry Sub-sector	Contractors	Last reviewed on	30/07/13			
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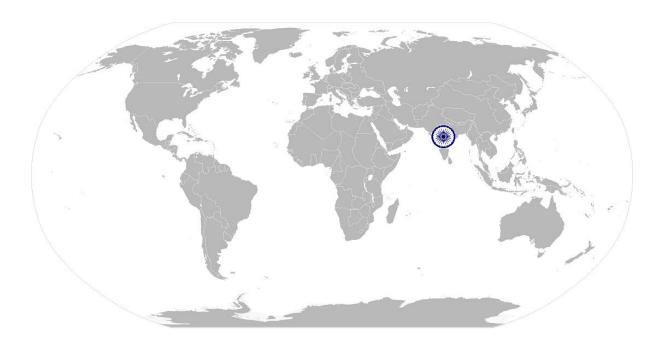






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# National Occupational Standard



# **Overview**

This 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.



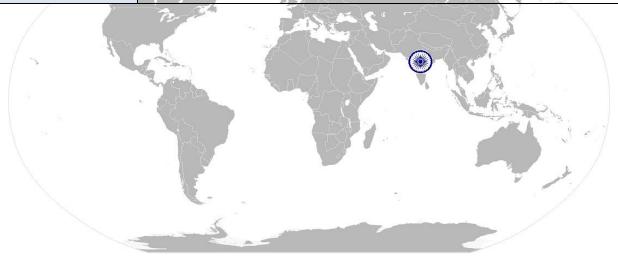


Unit Code	PSC/N0109
Unit Title (Task)	Maintain a healthy, safe and secure working environment
Description	This OS unit is about monitoring your working environment and making sure it meets
	requirements for health and safety
Scope	This unit/task covers the following:
	Communicate to reporting senior about
	process flow improvements that can reduce anticipated or repetitive hazards
	mishandling of tools and equipment
	electrical or any other problem at the construction site that could result in
	accident
Performance Criteria(P	C) w.r.t. the Scope
Element	Performance Criteria
Communicating	To be competent, the user/individual on the job must be able to:
potential accident	PC1. to avoid accidents related to use of sharp tools and equipment
points	PC2. attend and actively participate in the alth and safety campaigns organized
	by the company or any other authority
Using safety gear and	PC3. use or wear safety gear (helmet, gloves, goggles, safety shoes, ear plugs, etc.)
following healthy	as per the rules of the company
practices	PC4. attend fire drills or any other safety drills organized by the company or any
	other authority PC5. learn first-aid procedure
	PC6. use insect repellents and safe drinking water
	PC7. use site toilets and follow other hygienic practices
	PC8. understand the evacuation and emergency procedures
Knowledge and Unders	
A. Organizational	The user/individual on the job needs to know and understand:
Context	KA1. company's policy on: safety and hazards and personnel management
	KA2. reporting structure
B. Technical	The user/individual on the job needs to know and understand:
Knowledge	KB1. how to use tools and equipment without suffering any physical harm
	KB2. first-aid procedure
	KB3. diseases caused due use of unsafe water, biting of insects and following
	unhygienic practices
	KB4. evacuation and emergency procedures





Ski	ills (S)			
A.	Core Skills/	Communication skills		
	Generic Skills	The user/individual on the job needs to know and understand how to:		
		SA1. effectively communicate the danger		
		Organising skills		
		SA2. keep all the tools in an organised manner so as to avoid accidents		
		SA3. keep the work environment safe and clean		
B.	B. Professional Skills Decision making			
		The user/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		
		SB4. learn from past mistakes regarding use of hazardous tools and equipment		

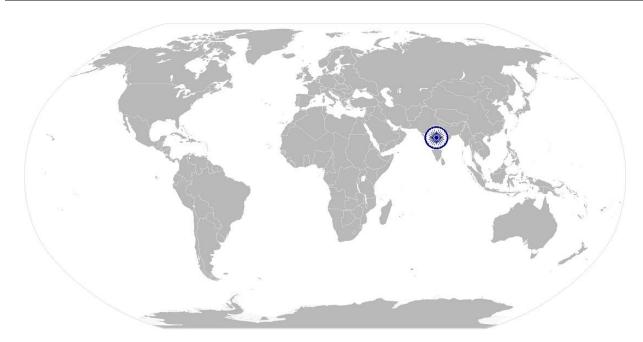






# **NOS Version Control**

NOS Code	PSC /N0109				
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Industry	Plumbing	Drafted on	15/07/13		
Industry Sub-sector	Contractors	Last reviewed on	30/07/13		
		Next review date	31/01/14		

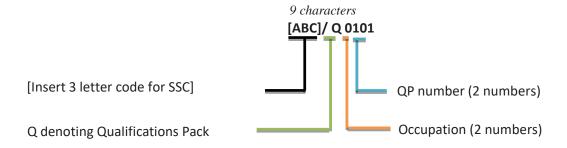




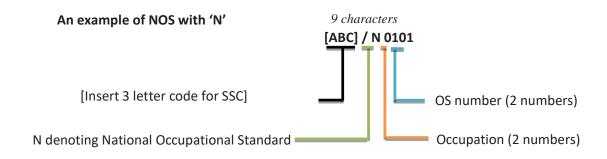
### **Annexure**

### Nomenclature for QP and NOS

# **Qualifications Pack**



### **Occupational Standard**







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

Sub-sector	Range of Occupation numbers
Contractors	01-10
Consultants	11-20
Manufacturers	21-30

Sequence	Description	Example
Three letters	Industry name	PSC
Slash	/	/
Next letter	Whether <b>Q</b> P or <b>N</b> OS	N
Next two numbers Occupation code		01
Next two numbers	OS number	01



#### **ASSESSMENT CRITERIA**

Job Role: Plumber (General)
Qualification Pack: PSC/Q0104
Sector Skill Council: Plumbing

#### **Guidelines for Assessment**

- 1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each 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 PC
- 2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC
- 3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
- 4. Individual assessment agencies will create unique evaulations for skill practical for every student at each examination/training center based on this criteria
- 5. To pass the Qualification Pack , every trainee should score a minimum of 40% in every NOS and 50% agreegate.
- 6. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent

				Marks Al	location
		Total Mark (400 MARKS)	Out Of	Theory	Skills Practical
	PC1. understand the task to be done		5	2	3
1. PSC/ N 0101 Installation of basic sanitary fixtures, fittings, related piping and accessories	PC2. assemble pipe sections, tubing and fittings, using couplings, clamps, screws, bolts, caulking tools, or cutting, threading and joining equipment		10	3	7
	PC3. establish the sequence of pipe installations	100	10	3	7
	PC4. Plan installation around obstructions such as electrical wiring, etc.		10	3	7
	PC5. locate and mark the position of pipe installations, connections, passage holes, and fixtures in structures, using measuring instruments such as rulers and levels		10	3	7
	PC6. cut openings in structures to accommodate pipes and pipe fittings, using hand and power tools (if required)		10	3	7
	PC7. measure, cut, thread, and bend pipe to required angle, using hand and power tools or equipment such as cutting, threading and bending equipment		10	3	7





PC9. install pipe assemblies, fittings, valves, appliances such as dishwashers and water heaters, and fixtures such as sinks and toilets, using hand and power tools.	7
tollets, using fiallu allu power tools.	
PC10. test the joints and fixtures for proper functioning 10 2	8
PC11. clear the work area and waste disposal 5 2	3
Total 100 30	70
PC1.Understand the installed plumbing system 5 5	3
PC2. Identify the problem/fault in the system and its cause 5 2	3
PC3. Establish the sequence of repair 5 2	3
PC4. Assemble fittings fixtures and tools required for the task	4
PC5. Locate and mark the position of the component to be replaced/repaired using measuring instruments such as rulers and levels	7
PC6. Cut openings in structures to remove the defected pipes and pipe fittings, using hand and power tools	7
2. PSC/N0102 Repair of basic sanitary fixture, fittings, related  PC7. Measures, cut, thread and bend pipes to required angle, using hand and power tools or equipment such as cutting, threading and bending equipment	7
piping and accessories  PC8. Replace with new pipe assemblies, fittings, valves, appliance such as dish washers and water heaters and fixtures such as sinks and toilets, using hand and power tools.	7
PC9. Test the joints and fixtures for proper functioning.	7
PC10. Clear the work area and waste disposal.	3
PC11. Deliver Task in Time 5 1	4
PC12. Achieve quality finishing in repair of sanitary fixtures and fittings.	7
PC13.ensure minimal wastage of material 5 1	4
PC14. Ensure minimal damage to other system.	4
Total 100 30	70





			1	1	
	PC1. receive work instructions and discuss the project / design with seniors		10	3	7
	PC2. communicate to reporting senior about task status, repairs and maintenance of tools and equipment as required		10	3	7
	PC3. communicate any potential hazards and expected process disruptions		10	3	7
3. PSC/N0108 Coordinating with	PC4. Get the work reviewed and handover completed task to reporting seniors.		10	3	7
the senior and other working team	PC5. receive feedback from reporting senior	100	10	3	7
	PC6. report any anticipated reasons for delays.		10	3	7
	PC7. work as a team with colleagues and share work as per the work load and skills		10	3	7
	PC8. work with colleagues of other teams		5	2	3
	PC9. communicate and discuss work flow related difficulties in order to find solution with mutual agreement		10	3	7
	PC10. put team over individual goals		5	1	4
	PC11. resolve conflicts		5	2	3
		Total	100	30	70
	PC1. to avoid accidents related to use of sharp tools and equipment	Total	15	5	10
4. PSC/N0109 Maintain a healthy,	PC2. attend and actively participate in the health and safety campaigns organized by the company or any other authority		10	3	7
safe and secure working environment	PC3. use or wear safety gear (helmet, gloves, goggles, safety shoes, ear plugs, etc.) as per the rules of the company	100	10	3	7
	PC4. attend fire drills or any other safety drills organized by the company or any other authority		15	4	11
	PC5. learn first-aid procedure		15	5	10



# Qualifications Pack For Plumber (General)



PC6. use insect repellents an water	d safe drinking	10	3	7
PC7. use site toilets and follo practices	ow other hygienic	15	4	11
PC8. use site toilets and follo	ow other hygienic	10	3	7
		100	30	70
TOTAL		400	120	280
Percentage Weightage:			30%	<u>70%</u>
Minimum Pass% to qualify:		50% in ag	gregate a	nd 40% in a
willing Pass% to quality.		NOS		