



सत्यमेव जयते

MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP
GOVERNMENT OF INDIA



PLACEMENT OPPORTUNITIES

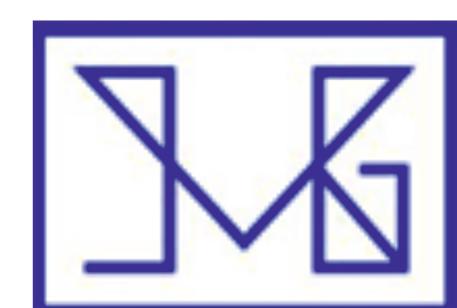
hindware

bathline
sensations

ashirvad
PIPES

Ori-Plast®
LIFE LINES... NOT JUST PIPE LINES

ACQUAVIVA
water civilisation



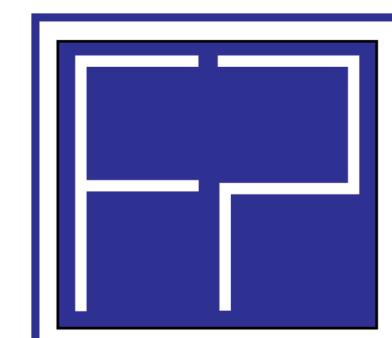
SYNERGY infra
CONSULTANTS PVT. LTD.

PPS

Pradhan Plumbing
Systems

**HEP
CO**

C.I. Pipes, Fittings & Manhole Covers



ESPA



KENT
Mineral RO™
Water Purifiers

**gm
gr**
estd. 1889

MGCS
EMPOWERING
ELECTROMECHANICAL PROJECTS

JLL

Integrated Personnel Services

**J
JENA**
Jena Buildcon Pvt. Ltd.

befikr.in
Zaroorat Ghar Ghar Ki

Livpure

reBLISS

**EUREKA
FORBES**



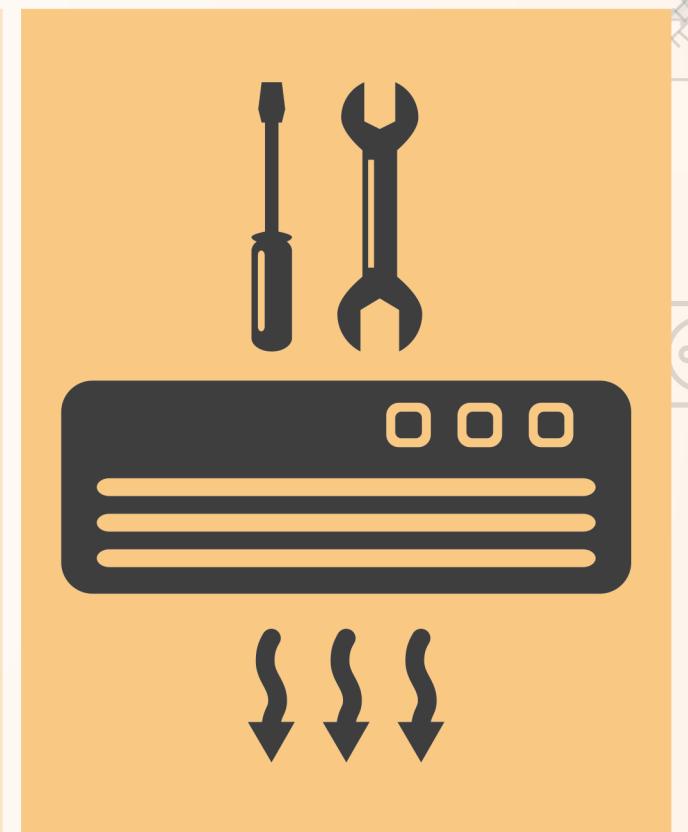
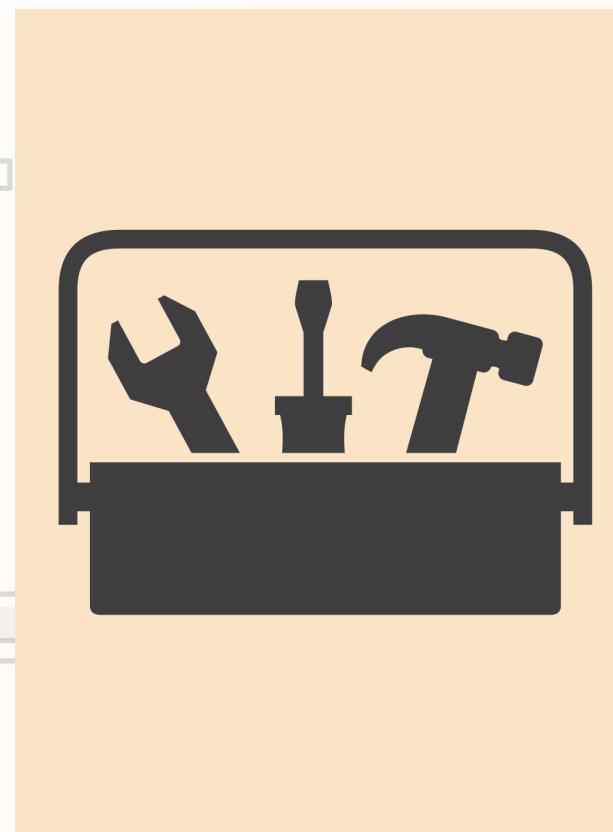
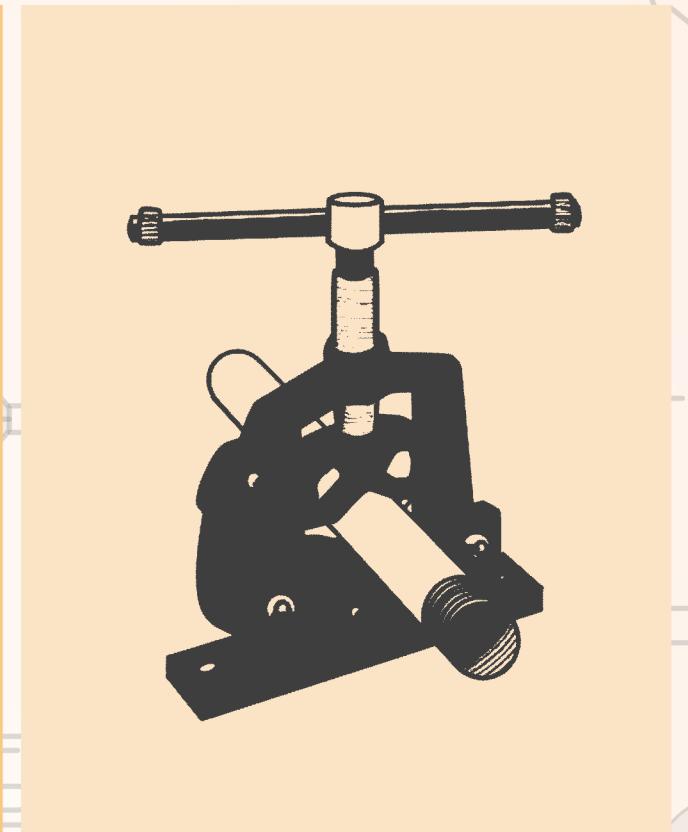
N.S.D.C
National
Skill Development
Corporation

Transforming the skill landscape

EQUIPMENT LIST

PLUMBER GENERAL (PSC/Q0104)

1. Access to technical books for respective trades
2. First-Aid Kit & Fire Extinguisher
3. Pipe, Mask, Helmet, Guard, Safety Shoes
4. Representative Spare Parts
5. Workshop Table with Vices
6. Hand Drilling Machine
7. Slide Wrench, Pipe Wrench 14", Pipe Wrench 12"
8. Pipe Wheel Cutter, CPVC Pipe Cutter, Pipe Die Set
9. Hydraulic Pressure Test Pump
10. Spirit Level, Tube Level Pipe
11. Plum Bob, Tri-Square
12. Chain Wrench
13. Measuring Tape 5.0 Meter
14. Safety Belt - Half Body & Full Body Each
15. White Wash Basin
16. White I.W.C with Cistern, White E.W.C (Normal)
17. Kitchen Sink (Stainless Steel), White Urinal (Flat)
18. PVC 'p' Trap for WC, PVC 's' Trap for WC
19. Bibcock (Long Body), Bibcock (Short Body)
20. Single Lever Wash Basin Mixer, Shower with Shower Arm
21. Pillar cock, Angle Cock
22. Ball Valve, Gate Valve, Globe Valve, Check Valve
23. GI Pipes, CPVC Pipes, UPVC Pipes, PVC Pipes





JOB ROLE OVERVIEW

PLUMBER GENERAL (PSC/Q0104)

Job Role	Plumber (General)
Role Description	Responsible for installation, minor repair and maintenance of pipes and sanitary fixtures in domestic, commercial and institutional setups.
Version	0.1
NVEQF/NVQF level Minimum Educational Qualifications* Maximum Educational Qualifications*	3 5 th (To be revised to 10 th post 31 st December, 2017) N.A.
Training (Suggested but not mandatory)	On-the-job training.
Minimum Job Entry Age	18 Years
Experience	In lieu of minimum qualification the employee has worked as a semi-skilled helper for minimum 2 years in the same role.

Applicable National Occupational Standards NOS)

1. PSC/N0101 Installation of basic sanitary fixtures, fittings, related piping and accessories
2. PSC/N0102 Repair of basic plumbing systems
3. PSC/N0108 Coordinating with the senior and other working team
4. PSC/ N0109 maintain a healthy, safe and secure working environment

Assessment Guidelines

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 evaluations 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% aggregate.
6. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent

CAREER MAP FOR PLUMBING INDUSTRY

Sub Sector - Plumbing Contractor

Level 7

Plumbing Site Engineer
Ed: Degree / Diploma in Civil Engr
Exp: 5 Years

Level 6

Plumbing Supervisor
Ed: Diploma / ITI
Exp: 6 Years

Level 5

Plumbing Foreman
Ed: 12th Pass / ITI
Exp: 6 Years

Level 4

Plumber General II
Ed: 8th Pass
Exp: 3 Years

Plumber Pumps &
EM Mechanic
Ed: 12th Pass
Exp: 3 Years

Level 3

Plumber Operations
Ed: 5th Pass
Exp: 2 Years

Plumber Pipeline
Ed: 5th Pass
Exp: 2 Years

Plumbing Mason
Ed: 5th Pass
Exp: 2 Years

Plumber General
Ed: 5th Pass
Exp: 2 Years

Plumber Maintenance and Servicing
Ed: 8th Pass
Exp: 3 Years

Plumber Welder
Ed: 5th Pass
Exp: 2 Years

Level 2

Plumber Assistant
(General)
Ed: 5th Pass
Exp: 1 Year

Plumber Assistant
(Maintenance & Servicing)
Ed: 5th Pass
Exp: 2 Years

Plumber Assistant
(Welder)
Ed: 5th Pass
Exp: 1 Year

Level 1

Plumber General Helper
Ed: 5th Pass
Exp: 6 Months



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CAREER MAP FOR PLUMBING INDUSTRY

Sub Sector - Plumbing Consultant

Level 8

Public Health Systems

Design Engineer

Ed: Diploma / Degree in Civil
Engr (with PHE Specialization)
Ex: 6 Years

Waste Water Systems

Design Engineer

Ed: Diploma / Degree in Civil
Engr
Exp: 6 Years

Level 7

Ground Water Engineer

Ed: Diploma in Civil / Mech
Engr
Exp: 1 Year

Fire Protection Systems

Design Engineer

Exp: Diploma / Degree in
Civil / Mech Engr
Ed: 4 Years

Level 6

Plumbing Draftsman

Ed: ITI / AutoCAD Certificate
Exp: 1 Year

Bathroom & Kitchen Designer

Ed: Diploma/Degree in Civil Engg. /
Arch. / Interior Designing
Exp: 3 Years

Level 5

Level 4

Level 3

Municipal Water & Sewage

Assessor
Ed: 5th Pass
Exp: 2 Years

Sub Sector - Plumbing Manufacturer

Level 3

Plumbing Products Sales Officer

Ed: 12th Pass / Certificate Course in Sales
Exp: 2 Years

Plumbing After Sales Service

Ed: 8th Pass
Exp: 2 Years

Level 2

Plumbing Products Sales Assistant

Ed: 8th Pass
Exp: 1 Year

