

Plumber PLUM68

Updated April 2007

Focus Statement

Plumbers have a strong mathematical background used for finding angles, calculating simple and rolling offsets, and offsets on parallel runs of pipe. They know applications and properties of plastic, copper, cast iron, and carbon steel pipes and fittings. They can identify uses, installation and testing of corrugated stainless-steel tubing, DWV piping, hangers, supports, structural penetrations, fire stopping, fixtures, faucets, drains, water heaters, backflow preventers, water pressure boosters, recirculation systems, sewage pumps, and sump pumps. Plumbers also have knowledge of basic rigging, safety, and business principles.

Overview

- Two-hour closed-book examination
- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed

Minimum passing score is 68.

Performance Verification

A corresponding hands-on Performance Verification is available.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. This assessment is referenced to NCCER's 3rd edition of the Plumbing curriculum. You may order books and modules from Pearson by visiting www.nccer.org/order-books-modules/

Assessment Development

All questions are developed and approved by subject matter experts under the direction of NCCER.

Credentials

Upon successful completion of the knowledge assessment or performance verification, credentials can be viewed and printed by the individual or assessment program through their NCCER Account.

Score Report and Training Prescription

Each candidate will have online access to their assessment results including their overall score and recommended training through their NCCER Account.

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
00106	Basic Rigging	4
02106	Plastic Pipe and Fittings	4
02107	Copper Pipe and Fittings	4
02108	Cast-Iron Pipe and Fittings	3
02109	Carbon Steel Pipe and Fittings	3
02110	Corrugated Stainless Steel Tubing	4
02111	Fixtures and Faucets	4

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
02201	Plumbing Math 2	3
02203	Hangers, Supports, Structural Penetrations and Fire Stopping	4
02204	Installing and Testing DWV Piping	3
02205	Installing Roof, Floor and Area Drains	4
02206	Types of Valves	2
02207	Installing and Testing Water Supply Piping	3
02208	Installing Fixtures, Valves and Faucets	4
02209	Intro. to Electricity	4
02210	Installing Water Heaters	4
02212	Servicing of Fixture Valves and Faucets	4
02302	Sizing Water Supply Piping	4
02303	Potable Water Supply Treatment	3
02304	Backflow Preventers	2
02306	Sizing DWV and Storm Systems	4
02307	Sewage Pumps and Sump Pumps	4
02308	Corrosive Resistant Waste Piping	3
02309	Compressed Air	4
02401	Business Principles for Plumbers	3
02403	Water Pressure Boosters and Recirculation Systems	3
02404	Indirect and Special Waste	3
02408	Private Water Supply Well Systems	2

Total Number of Items

96