

Plumber V1

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. 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
00106-04	Basic Rigging	4
02106-05	Plastic Pipe and Fittings	4
02107-05	Copper Pipe and Fittings	4
02108-05	Cast-Iron Pipe and Fittings	3
02109-05	Carbon Steel Pipe and Fittings	3
02110-05	Corrugated Stainless Steel Tubing	4
02111-05	Fixtures and Faucets	4
02201-05	Plumbing Math 2	3
02203-05	Hangers, Supports, Structural Penetrations and Fire Stopping	4
02204-05	Installing and Testing DWV Piping	3

Plumber V1
PLUM68
Updated April 2007

Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
02205-05	Installing Roof, Floor and Area Drains	4
02206-05	Types of Valves	2
02207-05	Installing and Testing Water Supply Piping	3
02208-05	Installing Fixtures, Valves and Faucets	4
02209-05	Intro. to Electricity	4
02210-05	Installing Water Heaters	4
02212-05	Servicing of Fixture Valves and Faucets	4
02302-06	Sizing Water Supply Piping	4
02303-06	Potable Water Supply Treatment	3
02304-06	Backflow Preventers	2
02306-06	Sizing DWV and Storm Systems	4
02307-06	Sewage Pumps and Sump Pumps	4
02308-06	Corrosive Resistant Waste Piping	3
02309-06	Compressed Air	4
02401-06	Business Principles for Plumbers	3
02403-06	Water Pressure Boosters and Recirculation Systems	3
02404-06	Indirect and Special Waste	3
02408-06	Private Water Supply Well Systems	2

Total Number of Items 96