



# National Craft Assessment and Certification Program S P E C I F I C A T I O N S

## PLUMBER

### PLUM68

Released April 2007

#### Overview

This knowledge assessment is a two-hour closed-book examination. You will be permitted to use a basic function, non-printing calculator during the examination. No extra papers, books, notes or study material are allowed in the testing area.

#### NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at [www.nccer.org](http://www.nccer.org).

#### 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, NCCER will send applicable credentials to the assessment center.

#### Score Report and Training Prescription

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

#### NCCER Registry

Knowledge assessment results are recorded in NCCER's Registry and become a part of the portable record of an individual's NCCER credentials.

#### Focus Statement

Plumbers have a strong mathematical background used for finding angles, as well as 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.

#### Knowledge Assessment Contents:

Module Number	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
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
<b>Total Number of Questions</b>		<b>96</b>

*The cut score for this assessment is 68.*

*A corresponding hands-on Performance Verification is available.*

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