



# National Craft Assessment and Certification Program SPECIFICATIONS

## Overview

This written assessment is a two (2) hour closed book examination. You will be permitted to use a basic function, non-printing calculator during the examination. The Assessment Center will provide any necessary pencils. No extra papers, books, notes or study material are allowed in the testing area. The Assessment Center will provide you a list of any additional material that is approved for reference during the assessment session.

## Focus Statement

A journey-level plumber has a strong mathematical background of methods for finding angles, techniques used to calculate simple and rolling offsets, and offsets on parallel runs of pipe. He/she will know all applications and properties of plastic, copper, cast-iron and carbon steel pipes and fittings. He/she should be able to 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. He/she must have knowledge of basic rigging and its safety. Finally, business principles for plumbers will be a desirable skill for a journey-level plumber.

## Study Material

All NCCER Written Assessments are referenced to NCCER Learning Series module numbers. You may order modules from Pearson (800.922.0579) or [www.nccer.org](http://www.nccer.org).

## Assessment Development

All questions on each Assessment have been developed and approved by Subject Matter Experts from the respective Craft. Assessment development and administration is direction of our test development company, Prov.

## Credentials

NCCER will send appropriate Credentials; Certificate, Wallet Card and Official Transcript, to the Assessment Center upon successful completion of the Written Assessment.

## Training Prescription Reports:

Each Candidate will have access to individual results of the written assessment from NCCER's web site. This Training Prescription will report results by each Topic Area covered by the assessment as well as the overall score.

## National Registry

Assessment results will be maintained in NCCER's National Registry and become a part of your Training records. These records are stored and become a portable record of your Training and Assessment achievements.

## Written Assessment Contents:

## Plumbing

(PLUM68)

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%**

\* This form was last updated July 2007.