



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

INDUSTRIAL PIPEFITTER V3 (PFT08_02)

Released July 2008

Overview

This written assessment is a three (3) hour closed book examination. You will be permitted to use a basic function, non-printing calculator and the *Pipefitters Blue Book* by W.V. Graves 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.

Study Material

All NCCER Written Assessments are referenced to NCCER's curriculum listed in the content. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at 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 Prov™, NCCER's testing partner.

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 Prov's web site (www.provexam.com). This training prescription will include the overall score and results by topic area.

National Registry

Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's training records. These records are stored and become a portable record of the candidate's training and assessment achievements.

Focus Statement

An advanced pipefitter:

- Masters mathematical functions and knows their application to pipefitting.
- Is able to properly identify and master hand, power tools, and equipment, including equipment for rigging and their procedures.
- Performs and knows how to fabricate butt weld pipe, threaded pipe, and socket welds
- Is able to identify and install above, underground, and specialty piping, hangers and supports, valves and in-line specialties.

- Understands how to perform stress relieving, aligning, and testing

Written Assessment Contents:

Module Number	Module Name	Number of questions
00102-04	Introduction to Construction Math	5
08102-06	Pipefitting Hand Tools	4
08103-06	Pipefitting Power Tools	4
08104-06	Oxyfuel Cutting	4
08105-06	Ladders and Scaffolds	4
08106-06	Motorized equipment 1	4
08201-06	Piping Systems	4
08202-06	Drawings and Detail Sheets	6
08203-06	Identifying and Installing Valves	5
08204-06	Pipefitting Trade Math	4
08205-06	Threaded Pipe Fabrication	5
08206-06	Socket Weld Pipe Fabrication	4
08207-06	Butt Weld Pipe Fabrication	4
08208-06	Excavations	4
08209-06	Underground Pipe	4
08301-07	Rigging Equipment	4
08302-07	Rigging Practices	5
08303-07	Standards and Specifications	4
08304-07	Advanced Trade Math	5
08306-07	Introduction to Above-Ground Pipe Installation	6
08307-07	Field Routing and Vessel Trim	4
08308-07	Pipe Hangers, Supports & Spring Cans	6
08309-07	Testing Piping Systems and Equipment	4
08401-07	Advanced Blueprint Reading	5
08402-07	Advanced Pipe Fabrication	5
08403-07	Stress Relieving and Aligning	4
08405-07	In-Line Specialties	4
08406-07	Special Piping	4
Total Number of Questions		125

Approved Reference during Assessment Session:

*The Pipefitters Blue Book; W.V. Graves
The cut score for this assessment is 68%.
A Performance Verification is available.
Also available in Spanish (PFT08S_02)*

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