

Boilermaker – Pressure Vessel BLMK34_02 *Updated November 2024*

Focus Statement

A journey-level boilermaker is skilled in all aspects of safe boiler and boiler component assembly and maintenance, including welding, pipe fabrication, and stress relieving. A boilermaker is also knowledgeable in oxyfuel cutting, identifying and installing valves, pipe hangers and supports, rigging, and able to read boiler drawings and detail sheets.

Overview

- Two-hour closed-book examination
- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed
- Approved reference: *The Pipefitters Blue Book* by W.V. Graves

Minimum passing score is 75.

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 2nd edition of the Boilermaking 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
34102 34103 34104	Boilermaker Fundamentals	10
29103 34105 34106 34210	Cutting Basics	10

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
34107 34108 34206 34407	Welding Basics	11
34201 34202 34203 34205	Pipe Support	8
15206 34410	Rigging	5
34204 34402	Construction Drawings	6
34401	Math	4
34201 34301 34302 34306	Boiler Components	19
08402 34207 34208 34301 34308	Pipe Fabrication	15
34303	Tube Work	5

Total Number of Items

93