

Industrial Boilermaker – Maintenance

RBLMK34_04

Updated November 2024

Focus Statement

A journey-level industrial boilermaker in maintenance is skilled in general tower and exchanger 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

Minimum passing score is 75.

NOTE: To receive a credential in Industrial Boilermaker – Exchanger, candidates **MUST** complete and pass **BOTH** the Industrial Boilermaker – Maintenance assessment **AND** the Industrial Boilermaker – Exchanger assessment.

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 34202	Safety	6
34105 34108	Welding Basics	6
34106	Gaskets	5

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Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
34103 34202 34205 34401	Boilermaking Fundamentals	17
34402	Construction Drawings	2
15206	Rigging	13
08205 34203 34308	Tubing and Piping	9
34307 34411 34412	Towers and Exchangers	13

Total Number of Items

71