

**Boilermaker - Pressure Vessel V2**  
**BLMK34\_02**  
*Updated May 2023*

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

**Minimum passing score is 75.**

**NCCER Curriculum**

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order books and modules from Pearson by visiting [nccer.org/order-books-modules](http://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, 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.

**Written Assessment Contents:**

Module ID	Content Domain/Module Title	Number of Items
34102-10 34103-10 34104-10	Boilermaker Fundamentals	10
34105-10 34106-10 34210-11 29103-09	Cutting Basics	10
34107-10 34108-10 34206-11 34407-12	Welding Basics	12
34202-11 34203-11 34205-11	Pipe Support	8

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**Written Assessment Contents:**

Module ID	Content Domain/Module Title	Number of Items
15206-07 34410-12	Rigging	6
34204-11 34402-12	Construction Drawings	6
34401-12	Math	4
34201-11 34301-11 34302-11 34306-11	Boiler Components	19
34207-11 34208-11 34308-11 08402-07	Pipe Fabrication	15
34303-11	Tube Work	5
<b>Total Number of Items</b>		<b>95</b>