



PSI Services LLC

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<https://test-takers.psiexams.com/miboi>

**Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes**



**BOILER EXAMINATIONS
CANDIDATE INFORMATION BULLETIN**

Examinations By PSI.....	2	Examination Site Location	3
Guidelines for Examination Qualification....	2	Reporting to the Examination Site	4
Examination Payment and Scheduling		Required Identification	4
Procedures	2	Security Procedures.....	4
On-line, via the Internet	2	Taking the Examination by Computer.....	5
Telephone	2	Tutorial	5
Rescheduling/Canceling an		Examination Question Example	5
Examination	2	Examination Review	5
Missed Appointment or Late		Score Reporting	5
Cancellation	3	Examination Content Outlines and References	
Special Examination Arrangements .	3	5/8
Emergency Examination Center			
Closing	3		

**Please refer to our website to check for the most updated information
at <https://test-takers.psiexams.com/miboi>.**



EXAMINATIONS BY PSI SERVICES LLC

This Candidate Information Bulletin provides you with information about the examination process for obtaining a license from the Bureau of Construction Codes.

The Department of Licensing and Regulatory Affairs (referred to as the Department) has contracted with PSI Services LLC (PSI) to conduct the Bureau of Construction Codes examination program. PSI provides this examination through a network of computer examination centers in Michigan.

GUIDELINES FOR EXAMINATION QUALIFICATION

HOW TO OBTAIN A LICENSE

1. Request the examination application instructions from:
Department of Licensing and Regulatory Affairs
P.O. Box 30254
Lansing, MI 48909
Phone: (517) 241-9316
www.michigan.gov/bcc

(Select "Examinations and Licensing/Continuing Education")
2. Complete the application and return it with the correct fees to the Department. Only the State of Michigan may determine your eligibility for a license.
3. Once the Department has approved you for the examination, you will receive a notification letter with instructions on how to pay and schedule for the examination. This notification will also be submitted to PSI.
4. Candidates that have their application for examination denied are notified by the Department of the elements they need to complete in order to be approved for licensure.

All questions and requests for information about examinations should be directed to PSI.

PSI Services LLC
3210 E Tropicana
Las Vegas, NV
89121

(855) 579-4635 □ Fax (702) 932-2666 □ TTY (800) 735-2929
E-mail: LARASupport@psionline.com

EXAMINATION PAYMENT AND SCHEDULING PROCEDURES

Upon approval of licensure eligibility, PSI will notify the authorized candidate to pay for and schedule the required licensure examination with PSI. If a candidate fails, they may retake on an unlimited basis and the eligibility does not expire.

Exam	Fee
MI Boiler Installer 1B	\$100
MI Boiler Installer 2B	\$100
MI Boiler Installer 3B	\$100
MI Boiler Installer 4B	\$100
MI Boiler Installer 5B	\$100
MI Boiler Repairer I	\$100
MI Boiler Repairer II	\$100
MI Boiler Repairer III	\$100
MI Boiler Repairer IV	\$100
MI Boiler Piping	\$100

NOTE: EXAMINATION FEES ARE NOT REFUNDABLE OR TRANSFERABLE. THE EXAMINATION FEE IS VALID FOR ONE YEAR FROM THE DATE OF PAYMENT.

ON-LINE

<https://test-takers.psiexams.com/miboi>

For the fastest and most convenient examination scheduling process, PSI recommends that you register for your examinations using the Internet. You register online by accessing PSI's registration website at:

<https://test-takers.psiexams.com/miboi>

Internet registration is available 24 hours a day.

Log onto PSI's website and select *Sign in / Create Account*. Select *Create Account*. You are now ready to pay and schedule for the exam. Enter your zip code and a list of the testing sites closest to you will appear. Once you select the desired test site, available dates will appear. If you have problems, contact PSI at (855) 746-8173 for help.

TELEPHONE

PSI registrars are available to receive payment and to schedule your appointment for the examination. Please call (855) 579-4635, Monday through Friday between 7:30 am and 10:00 pm, and Saturday-Sunday between 9:00 am and 5:30 pm, Eastern Time.

To register by phone, you need a valid credit card (VISA, MasterCard, American Express or Discover.)



RESCHEDULING/CANCELING AN EXAMINATION APPOINTMENT

You may cancel and reschedule an examination appointment without forfeiting your fee if your *cancellation notice is received 2 days before the scheduled examination date*. For example, for a Monday appointment, the cancellation notice would need to be received on the previous Saturday. You may reschedule online at <https://test-takers.psiexams.com/miboj> or call PSI at (855) 579-4635.

MISSED APPOINTMENT OR LATE CANCELLATION

If you miss your appointment, you will not be able to take the examination as scheduled, further you will forfeit your examination fee, if you:

- Do not cancel your appointment 2 days before the scheduled examination date;
- Do not appear for your examination appointment;
- Arrive after examination start time;
- Do not present proper identification when you arrive for the examination.

EXAM ACCOMMODATIONS (ADA)

All PSI examination centers are equipped to provide access in accordance with the Americans with Disabilities Act (ADA) of 1990, and exam accommodations will be made in meeting a candidate's needs. A candidate with a disability or a candidate who would otherwise have difficulty taking the examination should request for alternative arrangements by [Clicking Here](#).

Candidates granted accommodation in accordance with the ADA, MUST schedule their examination by telephone and speak directly with a PSI registrar.

ALTERNATIVE TEST DELIVERY ARRANGEMENTS

The following options are available to all candidates seeking assistance for an additional fee.

Additional Time While Taking the Examination

Candidates may request to take the examination with extra time. The candidate will be given time & ½ and there will be an additional fee of \$50 per examination.

Request for Reader along with Additional Time

Candidates may request to have the examination read to them in English with extra time & ½ for an additional fee of \$50 per examination. PSI will provide the reader.

Candidates applying for exam accommodations must fill out the exam accommodations request form found at https://psi-cdexp.zendesk.com/hc/en-us/requests/new?ticket_form_id=360000150872.

Any costs associated with the alternative test delivery arrangements must be paid by the candidate.

EXAMINATION SITE CLOSING FOR AN EMERGENCY

If severe weather or another emergency forces the closure of an examination site on a scheduled examination date, your examination will be rescheduled. PSI personnel will attempt to contact you in this situation via telephone and email. However, you may check the status of your examination schedule by calling (855) 579- 4635. Every effort will be made to reschedule your examination at a convenient time as soon as possible. You will not be penalized. You will be rescheduled at no additional charge.

EXAMINATION SITE LOCATIONS

Dearborn Examination Center

3200 Greenfield Road, Suite 253 Dearborn, MI 48120
From Detroit: Merge onto I-94 W. Take exit 209 (Rotunda Dr.) from I-94 W. Turn left onto Rotunda Dr. Follow Rotunda Dr to Commerce Drive South. Turn left on Commerce Dr S, then turn right onto Greenfield Rd. Site is on the right.

Holt-Lansing Examination Center

4202 Charlar Drive, Suite 1
Holt, Michigan 48842
Follow I-496 E, which becomes US-127 S. Take the Holt Rd exit 70. Turn right onto Holt Rd. Turn left onto Cedar St. Turn right onto Charlar Dr.

Southfield-Crossroads Examination Center

Crossroads Building
16250 Northland Drive, Suite 359
Southfield, MI 48075
*From I-75 North and South, exit West 8 Mile. Northland Drive is West of Greenfield Road. Do not go over the Bridge. Pass the Lodge Fwy (Hwy 10). Turn right on Northland Drive.
From Southfield Fwy North and South, exit East 8 Mile. Go east on 8 Mile to Northland Drive. Northland Drive is next to the Northland Shopping Center.*

Southfield-Lahser Road Examination Center

26400 Lahser Road, Suite 150
Southfield, Michigan 48033
From I-96 E merge onto I-696 E. Then merge onto MI-10 S. Take the Lahser Road exit. Keep left at the fork in the ramp. Turn left onto Northwestern Hwy. Turn right onto Lahser Road.

Grand Rapids Examination Center

4595 Broadmoor Ave SE, Suite 201
Grand Rapids, MI 49512
From I-96, exit East Beltline Avenue and proceed south approximately 4 miles. Once you pass 28th Street, Beltline becomes Broadmoor. Continue south an additional 2 miles. 4595 Broadmoor is just south of 44th Street on the right. Use the North Entrance. Room 201 is at the top of the stairs.

From US-131, take exit 77 (M6 the new highway) East toward Lansing. Take exit 15 (M37/Broadmoor), head North (Left) on Broadmoor. 4595 Broadmoor is just north of Barden Street, south of 44th Street on



the left. Use the North Entrance to the second floor. Room 201 is at the top of the stairs.

Gaylord Examination Center

440 W. Main St., Suite D

Gaylord, MI 49735

From I-75 take exit # 282 / M-32 toward Alpena / Gaylord. From the exit ramp, turn east onto W Main (M-32) and go about half a mile. 440 W Main is at the northeast corner of Main and Indiana, halfway between KFC and Subway. Suite D opens off the parking lot.

Marquette Examination Center

Mid Towne Office Complex 1229 W. Washington

Marquette, MI 49855

Enter the building on the left, and go up the stairs. Go left at the top of the stairs; suite is at the end of the hall on the right.

Additionally, PSI has examination centers in many other regions across the United States. You may take this examination at any of these locations. Once you have paid for the examination, enter your zip code and a list of the testing sites closest to you will appear.

REPORTING TO THE EXAMINATION SITE

On the day of the examination, you should arrive 30 minutes before your appointment. This extra time is for sign-in, identification, and familiarizing you with the examination process. *If you arrive late, you may not be admitted to the examination site and you will forfeit your examination registration fee.*

REQUIRED IDENTIFICATION

Candidates need to provide one (1) form of identification.

Candidates must register for the exam with their LEGAL first and last name as it appears on their government issued identification. The required identification below must match the first and last name under which the candidate is registered. Candidates are required to bring one (1) form of a valid (non-expired) signature bearing identification to the test site.

Required Identification (with photo) - Choose One

- State issued driver's license
- State issued identification card
- US Government Issued Passport
- US Government Issued Military Identification Card
- US Government Issued Alien Registration Card
- Canadian Government Issued ID

NOTE: ID must contain candidate's photo, be valid and unexpired.

If the candidate fails to bring proper identification or

the candidate names do not match, the candidates will not be allowed to test and their examination fee will not be refunded.

SECURITY PROCEDURES

The following security procedures apply during examinations:

- You will have access to an online calculator
OR
You may bring a basic four function, non-programmable calculator that is silent, battery-operated, does not have paper tape printing capabilities, and does not have a keyboard containing the alphabet.
- You will be given a piece of scratch paper and a pencil. These will be returned to the proctor at the end of your examination.
- Candidates may take only approved items into the examination room.
- All personal belongings of candidates, with the exception of close-fitting jackets or sweatshirts, should be placed in the secure storage provided at each site prior to entering the examination room. Personal belongings include, but are not limited to, the following items:
 - Electronic devices of any type, including cellular/mobile phones, recording devices, electronic watches, cameras, pagers, laptop computers, tablet computers (e.g., iPads), music players (e.g., iPods), smart watches, radios, or electronic games.
 - Bulky or loose clothing or coats that could be used to conceal recording devices or notes, including coats, shawls, hooded clothing, heavy jackets, or overcoats.
 - Hats or headgear not worn for religious reasons or as religious apparel, including hats, baseball caps, or visors.
 - Other personal items, including purses, notebooks, reference or reading material, briefcases, backpacks, wallets, pens, pencils, other writing devices, food, drinks, and good luck items.
- Person(s) accompanying an examination candidate may not wait in the examination center, inside the building or on the building's property. This applies to guests of any nature, including drivers, children, friends, family, colleagues or instructors.
- No smoking, eating, or drinking is allowed in the examination center.
- During the check in process, all candidates will be asked if they possess any prohibited items. Candidates may also be asked to empty their pockets and turn them out for the proctor to ensure they are empty. The proctor may also ask candidates to lift up the ends of their sleeves and the bottoms of their pant legs to ensure that notes or recording devices are not being hidden there.
- Proctors will also carefully inspect eyeglass frames, tie tacks, or any other apparel that could be used to harbor a recording device. Proctors will ask to inspect any such items in candidates' pockets.

- If prohibited items are found during check-in, candidates shall put them in the provided secure storage or return these items to their vehicle. PSI will not be responsible for the security of any personal belongings or prohibited items.
- Any candidate possessing prohibited items in the examination room shall immediately have his or her test results invalidated, and PSI shall notify the examination sponsor of the occurrence.
- Any candidate seen giving or receiving assistance on an examination, found with unauthorized materials, or who violates any security regulations will be asked to surrender all examination materials and to leave the examination center. All such instances will be reported to the examination sponsor.
- Copying or communicating examination content is violation of a candidate's contract with PSI, and federal and state law. Either may result in the disqualification of examination results and may lead to legal action.
- Once candidates have been seated and the examination begins, they may leave the examination room only to use the restroom, and only after obtaining permission from the proctor. Candidate will not receive extra time to complete the examination.

TAKING THE EXAMINATION BY COMPUTER

The examination will be administered via computer. You will be using a mouse and computer keyboard.

TUTORIAL

Before you start your examination, an introductory tutorial is provided on the computer screen. The time you spend on this tutorial, up to 15 minutes, DOES NOT count as part of your examination time. Sample questions are included following the tutorial so that you may practice answering questions and reviewing your answers.

TEST QUESTION SCREEN

One question appears on the screen at a time. During the examination, minutes remaining will be displayed at the top of the screen and updated as you record your answers. **IMPORTANT:** After you have entered your responses, you will later be able to return to any question(s) and change your response, provided the examination time has not run out.

EXAMINATION REVIEW

PSI, in cooperation with the BCC, will be consistently evaluating the examinations being administered to ensure that the examinations accurately measure competency in the required knowledge areas. While taking the examination, examinees will have the opportunity to provide comments on any questions, by using the comments key on the keyboard. These comments will be analyzed by PSI examination development staff. PSI does not respond to individuals regarding these comments, all substantive comments are reviewed. **This is the only review of examination materials available to candidates.**

SCORE REPORTING

Your result will be given to you immediately following completion of the examination. The following summary describes the score reporting process:

- **On screen** - your result will appear immediately on the computer screen. This will happen automatically at the end of the time allowed for the examination; if you are using review features, you will be able to obtain your result immediately when you indicate that you have finished and would like to see your results.
- If you **pass**, you will immediately receive a successful notification.
- If you **do not pass**, you will immediately receive an unsuccessful notification on the screen along with a diagnostic report indicating your strengths and weaknesses by examination type.

You may request a duplicate score report after your examination by emailing scorereport@psionline.com.

EXAMINATION REFERENCE MATERIAL AND CONTENT OUTLINES

Examination	# of Questions	Minimum Passing Score	Time Allowed
MI Boiler Installer 1B	56	75%	195 Minutes
MI Boiler Installer 2B	56	75%	195 Minutes
MI Boiler Installer 3B	56	75%	195 Minutes
MI Boiler Installer 4B	56	75%	195 Minutes
MI Boiler Installer 5B	56	75%	195 Minutes
MI Boiler Repairer I	57	75%	195 Minutes
MI Boiler Repairer II	56	75%	195 Minutes
MI Boiler Repairer III	56	75%	195 Minutes
MI Boiler Repairer IV	56	75%	195 Minutes
MI Boiler Piping	56	75%	195 Minutes

BOILER INSTALLER 1B

The license qualifies a person to:

- Install a low-pressure (15 psi or less steam or 160 psi or less water), not to exceed a capacity of 1,000,000 btu/hr. input as certified by the manufacturer.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) CSD-1, Controls and Safety Devices
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

- | | |
|--|-----|
| • ASME Section IV | 30% |
| • ASME CSD-1 | 15% |
| • Skilled Trades Regulation Act | 20% |
| • Skilled Trades Regulation Rules Part 9 | 30% |
| • NBIC Section 1 (Installation) | 5% |

BOILER INSTALLER 2B

The license qualifies a person to:

- Install a low-pressure (15 psi or less steam or 160 psi or less water), of any capacity.
- Perform work covered by a class 1B license.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) CSD-1, Controls and Safety Devices
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

- | | |
|--|-----|
| • ASME Section IV | 30% |
| • ASME CSD-1 | 20% |
| • Skilled Trades Regulation Act | 10% |
| • Skilled Trades Regulation Rules Part 9 | 20% |
| • NBIC Section 1 (Installation) | 20% |

BOILER INSTALLER 3B

The license qualifies a person to:

- Install a power boiler with a capacity of not more than 5,000 lb./hr.
- Install or replace non-boiler external piping as defined by ASME B31.1
- Perform work covered by a class 2B license.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- American Society of Mechanical Engineers (ASME) CSD-1
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

- | | |
|--|-----|
| • ASME Section I | 24% |
| • ASME Section IV | 12% |
| • ASME Section IX | 12% |
| • ASME B31.1 | 8% |
| • ASME CSD-1 | 14% |
| • Skilled Trades Regulation Rules Part 9 | 16% |
| • NBIC | 14% |

BOILER INSTALLER 4B

The license qualifies a person to:

- Install a power boiler with a capacity of not more than 300,000 lb./hr.
- Install or replace non-boiler external piping as defined by ASME B31.1
- Perform work covered by a class 3B license.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping

- American Society of Mechanical Engineers (ASME) CSD-1
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules Part 9
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	24%
• ASME Section IV	8%
• ASME Section IX	22%
• ASME B31.1	20%
• ASME CSD-1	6%
• Skilled Trades Regulation Act	6
• Skilled Trades Regulation Rules Part 9	12%
• NBIC	2%

BOILER INSTALLER 5B

The license qualifies a person to:

- Install a power boiler with a capacity of any firing rate. Exception: A nuclear heat source boiler.
- Install or replace non-boiler external piping as defined by ASME B31.1
- Perform work covered by a class 4B license.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- American Society of Mechanical Engineers (ASME) CSD-1
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	20%
• ASME Section IX	18%
• ASME B31.1	6%
• ASME CSD-1	10%
• Skilled Trades Regulation Rules Part 9	22%
• NBIC	24%

BOILER REPAIRER, CLASS I

The license qualifies a person to:

- Repair a boiler by means other than welding, riveting, or other fabrication process.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	20%
• ASME Section IV	6%
• ASME B31.1	18%
• Skilled Trades Regulation Rules Part 9	35%
• NBIC	21%

BOILER REPAIRER, CLASS II

The license qualifies a person to:

- Repair a low-pressure boiler, a hot water supply boiler, and a fire tube boiler of any pressure.
- Perform work covered by a Class I license.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	24%
• ASME Section IV	2%
• ASME Section IX	24%
• ASME B31.1	12%
• Skilled Trades Regulation Rules Part 9	26%
• NBIC	12%

- Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	26%
• ASME Section IV	2%
• ASME Section IX	28%
• ASME B31.1	18%
• Skilled Trades Regulation Rules Part 9	16%
• NBIC	10%

BOILER REPAIRER, CLASS III

The license qualifies a person to:

- Repair a high-pressure boiler.
- Repair or replace non-boiler external piping, as defined by ASME code B31.1.
- Perform work covered by a Class II license.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IV, Heating Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	23%
• ASME Section IV	3%
• ASME Section IX	27%
• ASME B31.1	8%
• Skilled Trades Regulation Rules Part 9	23%
• NBIC	16%

BOILER PIPING

The license qualifies a person to:

- Install, replace, or repair non-boiler external piping as defined by ASME code B31.1.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME) Section I, Power Boilers
- American Society of Mechanical Engineers (ASME) Section IX, Welding
- American Society of Mechanical Engineers (ASME) B31.1 Power Piping
- PA 407 of 2016, Skilled Trades Regulation Act
- Skilled Trades Regulation Rules
- National Boiler Inspection Code (NBIC)

Questions for this examination may be drawn from information and specifications detailed in the above referenced sources.

Items covered would include:

• ASME Section I	14%
• ASME Section IX	14%
• ASME B31.1	50%
• Skilled Trades Regulation Rules Part 9	13%
• Skilled Trades Regulation Act	3%
• NBIC	6%

BOILER REPAIRER, CLASS IV

The license qualifies a person to:

- Repair or field-erect a boiler of any pressure. Exception: a boiler that has a nuclear heat source.
- Repair or replace non-boiler external piping, as defined by ASME code B31.1.

The body of knowledge comes from:

- American Society of Mechanical Engineers (ASME)

