

# **MONTANA BOILER OPERATOR ENGINEER PROGRAM**

301 S. Park Ave  
PO Box 200513  
Helena, Montana 59602-0513  
Phone: (406) 444-6880 Fax: (406) 841-2305  
Email: [dlibsdhhelp@mt.gov](mailto:dlibsdhhelp@mt.gov)  
Website: [www.boileroperator.mt.gov/](http://www.boileroperator.mt.gov/)

## **APPLICATION PROCEDURES FOR BOILER OPERATOR/ENGINEER**

ILLEGIBLE AND INCOMPLETE APPLICATIONS WILL BE RETURNED.  
(Please allow 14 days for processing from the date the office has received a completed routine application)

### **INSTRUCTIONS FOR APPLICATIONS**

1. Complete the application in its entirety. Incomplete applications will be delayed.
2. Submit the application with the required fee. Make checks or money orders payable to:  
**BOILER OPERATOR PROGRAM.**

### **EXAMINATION INFORMATION**

After your complete application is received by the department, your application will be reviewed for approval. When all requirements have been met, you will receive an exam approval letter at your preferred mailing/email address that provides detailed instructions for scheduling and taking the exam.

## **SUGGESTED STUDY MATERIAL**

To obtain study materials please visit [www.boileroperator.mt.gov](http://www.boileroperator.mt.gov) and click on “Forms”. Under the heading “Exam Forms & Study Guide Materials” you will find a variety of helpful study materials.

Suggested study books and/or manuals from American Tech Books can be ordered by calling 1-800- 323-3471 or online at <http://www.americantech.org>

### All Classes of Licensure:

Low Pressure Boilers ©2001  
By F.M. Steingress  
ISBN 0-8269-4417-5

Standard Plant Operator’s  
Questions & Answers  
Second Edition – Vol. 2  
By Elonka & Robinson  
ISBN 0-07-019316-9

Standard Boiler Operators’  
Questions & Answers  
By Elonka & Robinson  
ISBN 07-019275-8

Standard Plant Operators’ Manual  
Third Edition  
By Elonka  
ISBN 0-07-019298-7

### Third, Second and First Class License

High Pressure Boilers 3<sup>rd</sup> Edition  
By F.M. Steingress, H.J. Frost, and  
Daryl R. Walker  
ISBN 0-8269-4300-4

## **APPROVED BOILER EDUCATION INSTRUCTORS**

A list of pre-approved instructors can be found on our website at: [www.boileroperator.mt.gov](http://www.boileroperator.mt.gov)

## **RENEWAL INFORMATION**

1. \$35.00 Annual Renewal Fee.
2. License expires annually on April 1.

In order to be eligible to take the examination, an applicant must have the necessary experience under the proper class of a licensed boiler operator/engineer or meet other requirements prescribed by the Department of Labor & Industry, as required by Title 50, Chapter 4, Part 3, Montana Code Annotated.

**EXPERIENCE MUST BE AT RATED SIZE OR ABOVE TO QUALIFY**

CLASS	APP. FEE	RATED SIZE	MINIMUM EXPERIENCE/QUALIFICATIONS
Low Pressure	\$60	Not in excess of 15 psi steam & water boilers operation not in excess 50 psi hot water & 250° temperature	Must be 18-years of age or older, and have one of the following: a) 3-months full-time experience (480 hours) in the operation of a boiler in this classification under an engineer who holds a valid low-pressure, or higher license, and pass a written examination, or; b) Completion of a training course approved by the Department of Labor & Industry specific to low pressure boilers, a minimum of 40-hours experience under a licensed boiler engineer and pass a written examination.
Third Class	\$80	Not in excess of 150 psi steam, and water boilers operating not in excess of 160 psi and 350° temperature	Must be 18-years of age or older, and one of the following: a) 6-months full-time experience (960 hours) in the operation of a boiler in this classification under an engineer holding a valid third class or higher, and pass a written examination, or; b) Completion of a training course approved by the Department of Labor & Industry specific to third class boilers, a minimum of 40-hours experience under a licensed boiler engineer and pass a written examination.
Second Class	\$100	Not in excess of 250 psi steam, water boilers operating not in excess of 375 psi and 450° temperature, and steam-driven machinery not to exceed 100 horsepower per unit except traction and hoisting engines	Must be 18-years of age and older, pass a written examination, and: a) have at least 2-years full-time experience in the operation of a boiler in this classification under an engineer holding a valid second or first-class license, or; b) hold a third-class license and have at least 1-year of full-time experience in the operation of a boiler in this classification under an engineer holding a valid second or first-class license.
First Class	\$100	All classes, pressures & temperatures of steam & water boilers & steam driven machinery except traction-hoisting engines. In excess of 250 psi steam, water boilers in excess of 375 psi, and 450° temperature, and steam driven machinery in excess of 100 horsepower per unit	Must be 18-years of age and older, pass a written examination, and: a) have at least 3-years full-time experience in the operation of a boiler in this classification under an engineer holding a valid first-class license; b) hold a valid second-class license and have at least 1-year of full time experience in the operation of a boiler in this classification under an engineer holding a valid first-class license, or; c) hold a valid third-class license and have at least 2-years full-time experience in the operation of a boiler in this classification under an engineer holding a valid first class license and pass a written examination.
Agricultural Class	\$50	Not to exceed 150 psi saturated steam, not operated more than 6-months of the year, and operated only for the purposes of harvesting or processing of agricultural products.	Must be 18-years of age or older and pass a written examination.
Traction	\$50	Any size	(1) must be 18 years of age or older; (2) shall attend a steam school approved by the department by rule and may apply steam school hours to the hour requirement established in subsection (3); (3) must have at least 50 hours total experience in the operation of steam traction engines; and (4) shall successfully pass a written examination prescribed by the department.

**Pursuant to ARM 24.122.505(3)(b), experience verifications must be completed by a licensed operator holding a license at least equal to the class the applicant is applying for.**

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## APPLICATION FOR: (Please Select One)

Low Pressure Boiler Engineer	\$60.00	First Class Boiler Engineer	\$100.00
Third Class Boiler Engineer	\$80.00	Agricultural Boiler Engineer	\$50.00
Second Class Boiler Engineer	\$100.00	Traction Engineer	\$50.00

Full Name: \_\_\_\_\_  
Last First Middle

Gender: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

Social Security Number/Federal Identification Number: \_\_\_\_\_

- Are you a United States Citizen? \_\_YES\_\_ \_\_NO
- If you answered **NO** to question 1 above, are you (check one of the following):
  - \_\_\_A "qualified alien" as defined in USC § 1641. See, 8 USC § 1621a (1).
  - \_\_\_A nonimmigrant under the immigration and Nationality Act, 8 USC § 1101 et seq. See, 8 USC § 1621a (2).
  - \_\_\_A nonimmigrant whose visa for entry is related to such employment in the U.S. See, 8 USC § 1621c (2)(A)
  - \_\_\_A foreign national not physically present in the United States. See, 8 USC § 1621c (2)(C).
  - \_\_\_Other—Please provide detailed explanation: \_\_\_\_\_

Please provide your preferred mailing address where you will receive correspondence from the Department:

\_\_\_\_\_ Street City State Zip

Work Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Home Phone: \_\_\_\_\_

## **EXAM LOCATION**

Please provide the Job Service Location where you wish to take the exam:

\_\_\_\_\_

## **PERSONAL HISTORY QUESTIONS IMPORTANT INSTRUCTIONS AND NOTICE**

1. Please read the following questions carefully. Giving an incomplete or false answer is unprofessional conduct and may result in denial of your application or revocation of your license. See, 37-1-105, MCA.
2. You have a continuing duty to update the information you provide in your application and supplemental responses, including while your application is pending and after you are granted a license.
3. Upon submittal of your application form, for every "yes" answer provided, you will receive a request for specific information or documents associated with the question. Your application is not complete until staff receive all information requested.

### **PERSONAL HISTORY QUESTIONS**

(Circle Yes or No)

- |   |     |    |
|---|-----|----|
| 1. Have you ever had any license, certificate, registration, or other privilege to serve as a volunteer or practice a profession denied, revoked, suspended, or restricted by a public or private local, state, federal, tribal, religious, or foreign authority? | YES | NO |
| 2. Have you ever surrendered a credential like those listed in number 1, in connection with or to avoid action by a public or private local, state, federal, tribal, religious, or foreign authority?   | YES | NO |
| 3. Have you ever resigned to avoid discipline, been suspended, or been terminated from a volunteer or employment position?  | YES | NO |
| 4. Have you ever been required to participate in a behavioral modification or assistance program in lieu of suspension or termination from a volunteer or employment position?  | YES | NO |
| 5. Have you ever withdrawn an application for any professional license?   | YES | NO |
| 6. As of the date of this application, are you aware of any pending complaint, investigation, or disciplinary action related to any professional license you hold?  | YES | NO |
| 7. Are you under a current order that remains unsatisfied (e.g., fines unpaid, probation not concluded, conditions unmet?)  | YES | NO |

**"Chemical substances" include alcohol, drugs, or medications, whether taken legally or illegally.**

- |  |     |    |
|--|-----|----|
| 8. Do you have any medical, physiological, mental, or psychological condition which in any way currently (within the last 6 months) impairs or limits your ability to practice your profession or occupation with reasonable skill and safety? | YES | NO |
| 9. Do you currently (within the last 6 months) use one or more chemical substances in any way which impairs or limits your ability to practice your profession or occupation with reasonable skill and safety?                                 | YES | NO |

**The following information is provided for Question 10 below:**

*A criminal conviction may not automatically bar you from receiving a license. For more information about how a criminal conviction may impact your application, consult the board or program website.*

10. Have you ever been convicted, entered a plea of guilty, no contest, or a similar plea, or had prosecution or sentence deferred or suspended as an adult or “juvenile convicted as an adult” in any state, federal, tribal, or foreign jurisdiction? YES NO
11. Are you now subject to criminal prosecution or pending criminal charges? YES NO
12. Have you ever been disciplined, censured, expelled, denied membership or asked to resign from a professional society or organization? YES NO
13. Have you ever had a civil judgment entered against you in a lawsuit for incompetence, negligence, or malpractice in practicing any profession? YES NO
14. Have you ever been disqualified from working with children, elderly persons, mentally ill persons, or other vulnerable persons? YES NO

**TRAINING COURSES:**

List any training courses you have completed, and provide a copy of the completion certificate.

Name of Course	Course Sponsor	Dates Attended

**APPLICANTS APPLYING FOR AN AGRICULTURAL ENGINEER LICENSE MUST COMPLETE THE FOLLOWING SECTION:**

***AGRICULTURAL BOILER OPERATING/ENGINEER VERIFICATION***

Employer/Business Name:
Employer/Business Address:
Phone Number:
List type of agricultural products being harvested or processed:

List the months and type of boilers being operated. May not exceed 150 psi saturated steam for more than six (6) months per year and can only be operated for purposes of harvesting or processing of agricultural products.

Boiler Type	Operating Pressure	From:	To:

## Boiler Experience Verification Form

**\*\*\*This form must be completed and signed by the licensed boiler operator  
 the applicant trained under\*\*\***

Name of Applicant: \_\_\_\_\_  
(First Name) (Last Name)

Applicant Dates of Employment: \_\_\_\_\_ / \_\_\_\_\_  
(Start Date) (End Date)

Employer/Business Name: \_\_\_\_\_

Employer/Business Address: \_\_\_\_\_

**\*\*\*In the table below, list all types of boilers the applicant has  
 experience working on while under your supervision\*\*\***

	Boiler Type (check one)	Safety Valve Setting (PSI)	Dates Operated From	Dates Operated To	Total Hours Operating Boiler
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	Steam	Hot Water			
	Steam	Hot Water			
	Steam	Hot Water			
	Steam	Hot Water			

Name of Licensed Boiler Operator: \_\_\_\_\_  
(First Name) (Last Name)

Address: \_\_\_\_\_ Phone Number: \_\_\_\_\_

License Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

### AFFIDAVIT

I hereby declare under penalty of perjury that I have trained the above-named applicant and the applicant has obtained the necessary experience in the operation of a boiler as indicated above. In signing this affidavit, I am aware that a false statement or evasive answer to any question may lead to subsequent revocation of licensure on ethical grounds. I have read and am familiar with the applicable licensure laws of the State of Montana and instruction to applicants for licensing.

\_\_\_\_\_  
 Signature of Licensed Operator

\_\_\_\_\_  
 Printed Name of Licensed Operator

\_\_\_\_\_  
 Date

## **AFFIDAVIT**

I authorize the release of information concerning my education, training, record, character, license history and competence to practice, by anyone who might possess such information, to the Montana Boiler Operator Program.

I hereby declare under penalty of perjury the information included in my application to be true and complete to the best of my knowledge. In signing this application, I am aware that a false statement or evasive answer to any question may lead to denial of my application or subsequent revocation of licensure on ethical grounds. I have read and am familiar with the applicable licensure laws of the State of Montana and instructions to applicants for licensing. I accept the rules and procedures outlined in these documents as the basis for my application.

### **For a verification upon oath or affirmation**

\_\_\_\_\_  
Legal Signature of Applicant

\_\_\_\_\_  
Date