

# APPLICATION FOR PERMIT

## HIGH PRESSURE OPERATOR TRAINING PERMIT



Department of Professional and Financial Regulation  
Office of Licensing and Registration

### **BOARD OF BOILERS AND PRESSURE VESSELS**

35 State House Station  
Augusta, ME 04333-0035

Office Telephone: (207)624-8606  
Hearing Impaired: (207) 624-8563  
e-mail: [mary.b.breton@state.me.us](mailto:mary.b.breton@state.me.us)

Office located at: 122 Northern Avenue, Gardiner, Maine

# **APPLICATION INSTRUCTIONS**

## **High Pressure Operator Training Permit**

**COMPLETING THE APPLICATION FORM** – Answer all questions and return the following to this office:

- Permit application and payment for \$10.00
- Criminal History Record Check application and **SEPARATE** payment for \$8.00. Criminal History Record Checks cannot be paid for by Visa or MasterCard.

Incomplete applications will be returned.

**EXPERIENCE REQUIREMENTS TO QUALIFY TO SIT FOR THE HIGH PRESSURE BOILER OPERATOR EXAMINATION** -The High Pressure Operator Training Permit will allow the applicant to gain the experience required to sit for a High Pressure Boiler Operator's examination. A permit is limited to the plant specified on the application and is limited to a period of one year. A permit holder can take the high pressure boiler operator examination after gaining six (6) months experience under a permit.

A permit is required for gaining the required experience on high pressure boilers only.

# Board of Boilers and Pressure Vessels

## BULLETIN OF INFORMATION

### LICENSES REQUIRED

The following licenses are required by the Board of Boilers and Pressure Vessels for persons working in the industry.

- Boiler Inspector
- Low Pressure Boiler Operator
- High Pressure Boiler Operator
- Stationary Steam Engineer
  - First Class
  - Second Class
  - Third Class
  - Fourth Class
- High Pressure Boiler Operator Training Permit
- Welders Certification

Eligibility to take a license qualification exam is determined by the Board of Boilers and Pressure Vessels of the State of Maine and the Department of Professional and Financial Regulation.

### ELIGIBILITY REQUIREMENTS

#### **BOILER OPERATOR (LOW PRESSURE)**

The holder of a Low Pressure Boiler Operator's license may operate a heating plant with steam boilers not exceeding 15 psi or hot water supply boilers not exceeding 160 psi or 250 degrees, or both.

#### **BOILER OPERATOR (HIGH PRESSURE)**

An applicant shall have six months experience as a high pressure boiler operator under a training permit issued by the Board of Boiler Rules.

Satisfactory completion of a high pressure boiler operator's technical training course approved by the Board shall be considered three months experience.

The holder of a high pressure boiler operator license may operate a boiler up to the capacity of the license of the engineer in charge and supervise a plant of not more than 20,000 lbs/hr.

#### **HIGH PRESSURE BOILER OPERATOR'S TRAINING PERMIT**

A High Pressure Boiler Operator Trainee must apply for a permit to gain experience under the supervision of a high pressure boiler operator or engineer in charge prior to applying for the high pressure boiler operator examination.

A High Pressure Boiler Operator Training Permit shall be limited to a specific plant, remains valid for one year and shall not be extended or renewed.

#### **FOURTH CLASS ENGINEER'S LICENSE**

An applicant must have one year operating experience as a holder of a high pressure boiler operator license.

An applicant must be a high school graduate or have equivalent education.

One year of schooling in the field of boiler operation in a school approved by the Board is equivalent to six months operating experience.

The holder of a Fourth Class Engineer's license may operate a boiler up to the capacity of the license of the engineer in charge and supervise a plant of not more than 50,000 lbs/hr.

#### **THIRD CLASS ENGINEER'S LICENSE**

An applicant must have one year operating experience as a holder of a Fourth Class Engineer license.

An applicant must be a high school graduate or have equivalent education.

One year of schooling in the field of boiler operation in a school approved by the Board is equivalent to six months operating experience.

The holder of a Third Class Engineer's License may operate a boiler up to the capacity of the license of the engineer in charge and supervise a plant of not more than 100,000 lbs/hr.

### **SECOND CLASS ENGINEER'S LICENSE**

An applicant must have two years operating experience as a holder of a Third Class Engineer license.

An applicant must be a high school graduate or have equivalent education.

One year of schooling in the field of boiler operation in a school approved by the Board is equivalent to six months operating experience.

The holder of a Second Class Engineer's License may operate a boiler up to the capacity of the license of the engineer in charge and supervise a plant of not more than 200,000 lbs/hr.

### **FIRST CLASS ENGINEER'S LICENSE**

An applicant must have two years operating experience as a holder of a Second Class Engineer license.

An applicant must be a high school graduate or have equivalent education.

One year of schooling in the field of boiler operation in a school approved by the Board is equivalent to six months operating experience.

The holder of a First Class Engineer's License may operate, supervise or have charge of a plant of unlimited steam capacity.

### **WELDERS CERTIFICATION**

A Maine welder certificate of authority shall be issued to welders who have successfully passed a performance qualification examination and a written examination to permit the welder to make routine welded repairs.

Testing of welders for the purpose of obtaining a certificate of authority shall be done at a facility, which has been accredited and certified by the AWS certified welder program and approved by the Board.

Performance qualification tests shall be performed to welding procedures approved by the Chief Inspector.

At the time of a welder's initial qualification test and at the time of any subsequent qualification tests to a different Welding Procedure Specification, a written examination based on the Welding Procedure Specification and welding variables and other items deemed necessary will be given.

Visual examination and mechanical bend tests of the welder's coupons shall be conducted by the test supervisor according to the requirements of ASME Section-IX.

The test supervisor shall verify the test results, document on the prescribed form, and submit these findings to the Chief Inspector.

### **BOILER INSPECTOR**

For information, contact the Chief Boiler Inspector.

<p style="text-align: center;"><b>QUALIFICATION MAINTENANCE FOR A MAINE WELDER CERTIFICATE OF AUTHORITY</b></p>
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The Maine Welder Certificate of Authority shall be issued to a welder for a period of six (6) months.

Based on the welder's continuity on the particular welding process, the certificate may be renewed for additional six (6) month periods up to a total period of three (3) years.

At the end of three (3) years, a welder shall be retested and, upon satisfactory completion, a new certificate will be issued.

## EXAMINATION DATES, DEADLINES AND LOCATIONS

Examinations will be administered on the third Wednesday each March, June, September, and December. The Board must receive applications for examination together with the examination fee no later than the last day of the month prior to the examination.

## FEEES

The following fees apply:

Examination fee:

Boiler Operator	
High Pressure	\$50.00
Low Pressure	\$50.00
Stationary Steam Engineer	
First Class	\$50.00
Second Class	\$50.00
Third Class	\$50.00
Fourth Class	\$50.00

The following licenses will be issued for a three-year period:

Boiler Inspector	\$150.00
Boiler Operator	
High Pressure	\$100.00
Low Pressure	\$ 30.00
Stationary Steam Engineer	
First Class	\$100.00
Second Class	\$100.00
Third Class	\$100.00
Fourth Class	\$100.00

The following licenses will be issued for a one-year period:

Boiler Operator's Training Permit \$10.00

The following licenses will be issued for a period of six months:

Welders Certificate of Authority \$10.00

Candidates who fail the examination will need to pay the examination fee listed to retake the exam.

Candidates who pass the examination will be mailed a notification with a portion to be completed and returned to the Board office with the applicable license fee.

## ADA CANDIDATES

Whenever a candidate has a disability falling within the guidelines of "*Americans with Disabilities Act*," the Board will make accommodations and provide a proctor for the candidate for administration of an examination.

Candidates requiring special accommodations shall submit a letter from a physician documenting the disability at the time the examination application is submitted.

## ADMISSION TO THE EXAM

The Board will send an admission letter to each candidate approximately ten (10) days preceding the exam. The admission letter will show the name of the exam requested by the candidate, the specific date, time, and location of the exam. Only pre-registered candidates will be admitted to the exam. No walk-in candidates will be admitted.

Candidates not appearing for their scheduled exam forfeit all examination fees if prior notice not given.

If you lose your admission letter, or have not received an admission letter five days before the exam date, **contact the Board at 207/624-8606**. Please notify the Board of any change of address.

## WHAT TO BRING TO THE EXAM

Be sure to bring your admission letter and a photo identification (such as a driver's license).

Please bring at least two #2 pencils with erasers for marking your answer sheet.

## DESCRIPTION OF THE EXAM

All exams are multiple-choice format.

	Time (hours)	# of Questions
Boiler Operator All Grades	3	100
Stationary Steam Engineer All Grades	3	100

## SCORE INFORMATION

Your score will be based on the number of questions you answer correctly. You will not be given credit for any question that has been answered incorrectly, left blank, or marked with more than one answer. Be sure to mark an answer for each question. There is no penalty for guessing.

A minimum score of 70% is required to pass your examination. A result letter will be mailed to you approximately two weeks after the exam date. All result letters will be mailed simultaneously. The letters will provide you with information on licensing and re-testing.

## REFERENCE MATERIALS

### Low Pressure Boiler Operators

Low Pressure Boilers, 3<sup>rd</sup> Edition  
Low Pressure Boilers Workbook, 3<sup>rd</sup> Edition

Frederick Steingress

American Technical Publishers, Inc.  
Homewood, IL 60430  
ISBN: 0-8269-4412-4

Boiler Operator's Guide, 3<sup>rd</sup> Edition

Anthony L. Kohan, Harry M. Spring  
McGraw-Hill, Inc.  
11 West 19<sup>th</sup> Street  
New York, NY 10011  
ISBN: 0-07-035697-1

### High Pressure Boiler Operators

High Pressure Boilers, 2<sup>nd</sup> Edition

Frederick Steingress  
American Technical Publishers, Inc.  
Homewood, IL 60430  
ISBN: 0-8269-4415-9

Boiler Operations, Questions and Answers

P. Chattopadhyay  
McGraw-Hill, Inc.  
11 West 19<sup>th</sup> St  
New York, NY 10011  
ISBN: 0-07-460296-9

The ASME Code Simplified

Dyer E Carroll  
McGraw-Hill, Inc.  
Edited by S.C. Stultz & J.B. Kitto  
Babcock and Wilcox  
Barberton, OH 44203-0351  
ISBN: 0-9634570-0-4

### Stationary Steam Engineers

Stationary Engineering, 2<sup>nd</sup> Edition  
Frederick M. Steingress

Harold J. Frost  
American Technical Publishers, Inc.  
Homewood, IL 60430

Steam – It's Generation and Use, 40<sup>th</sup> Edition

Edited by S.C. Stultz & J.B. Kitto  
Babcock and Wilcox  
Barberton, OH 44203-0351  
ISBN: 0-9634570-0-4

ASME Code

Section I – Power Boilers  
Section IV – Recommended rules for  
care and operation of heating boilers  
Section VI – Guidelines for care of  
power boilers

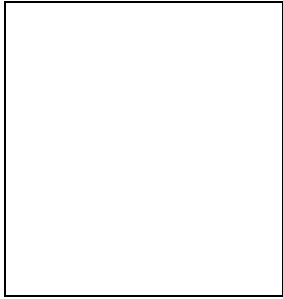
Boiler Operator's Exam – Preparation Guide

Theodore B. Sauselein  
McGraw-Hill, Inc.  
11 West 19<sup>th</sup> Street  
New York, NY 10011  
ISBN: 0-07-057968-7

ASME Order Department

22 Law Drive  
P.O. Box 2900  
Fairfield, NJ 07007-2900  
Telephone: 1-800-843-2763 or  
201/882-1167

# HIGH PRESSURE OPERATOR TRAINING PERMIT APPLICATION



STATE OF MAINE  
 DEPARTMENT OF PROFESSIONAL & FINANCIAL REGULATION  
 OFFICE OF LICENSING AND REGISTRATION  
**BOARD OF BOILERS AND PRESSURE VESSELS**  
 35 STATE HOUSE STATION  
 AUGUSTA, ME 04333  
 TEL: (207)624-8606 FAX: (207)624-8637  
 HEARING IMPAIRED: (207)624-8563

Office Use Only
Ck # _____
Amount: _____
Cash #: _____
Date Issued _____
Date Expires _____
Permit Fee: \$10.00 4520-1225

**PERMIT FEE: \$10.00**  
**CHECK PAYABLE TO: TREASURER, STATE OF MAINE**

**Social Security Number**    \_ \_ \_ - \_ \_ - \_ \_ \_ \_ \_

The following statement is made pursuant to the Privacy Act of 1974, Section 7(B). Disclosure of your social security number is mandatory. Solicitation of your social security number is solely for tax administration purposes pursuant to 36 M.R.S.A. Section 175 as authorized by the tax reform act of 1976 (42 U.S.C. Section 405(C)(2)(C)(I)). Your social security number will be disclosed to the State Tax Assessor or an authorized agent for use in determining filing obligations and tax liability pursuant to Title 36 of the Maine Revised Statutes. No further use will be made of your social security number and it shall be treated as confidential tax information pursuant to 36 M.R.S.A. Section 191.

**NOTE: INCOMPLETE APPLICATIONS WILL BE RETURNED.**

Name of applicant: _____		
Mailing Address of applicant: _____		
City: _____	State: _____	Zip Code: _____
County: _____	Home Telephone: (____) _____ - _____	
	Work Telephone: (____) _____ - _____	
Date of Birth: ____/____/____	Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female	

Have you ever been convicted of a crime other than a minor traffic violation?     Yes     No

**If yes, please list date(s), crime(s) and submit a copy of the court judgment(s) as well as a letter from you explaining the circumstances surrounding your conviction.**

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EMPLOYER'S NAME: \_\_\_\_\_

EMPLOYER'S ADDRESS: \_\_\_\_\_

NAME OF PLANT: \_\_\_\_\_

LOCATION: \_\_\_\_\_

NAME OF ENGINEER-IN-CHARGE WHO WILL HAVE DIRECT SUPERVISION OF THE APPLICANT:

Print Name: \_\_\_\_\_

License #: \_\_\_\_\_ License Grade: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Signature of Engineer-in-Charge: \_\_\_\_\_

I HEREBY CERTIFY THAT THIS APPLICATION CONTAINS NO WILLFUL MISREPRESENTATIONS OR FALSIFICATIONS, AND THAT THE INFORMATION GIVEN BY ME IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

\_\_\_\_\_  
(Signature of Applicant)

\_\_\_\_\_  
(Date)



STATE OF MAINE  
DEPARTMENT OF PROFESSIONAL  
AND FINANCIAL REGULATION  
OFFICE OF LICENSING AND REGISTRATION  
**Board of Boilers and Pressure Vessels**  
35 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0035  
(207) 624-8563 (HEARING IMPAIRED)

ANGUS S. KING, JR.  
GOVERNOR

ANNE L. HEAD  
DIRECTOR

TO: PROSPECTIVE APPLICANT  
FROM: OFFICE OF LICENSING & REGISTRATION  
RE: CRIMINAL RECORDS CHECK

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Pursuant to 5 M.R.S.A. §5301-5303, the State of Maine is granted the authority to take into consideration an applicant's criminal history record. The Office of Licensing and Registration **requires** a criminal history records check as part of the application process for all applicants.

### CRIMINAL HISTORY RECORDS CHECK PROCEDURE

Please complete the applicant information section and return it to the Board of Boilers and Pressure Vessels with your completed application and supporting documentation as may be necessary.

You must provide a separate check in the amount of \$8.00, made payable to Maine State Treasurer, as payment for your criminal history record check in addition to the licensing fees presently required. The Department of Public Safety will not accept Visa or MasterCard as payment for the Criminal History Record Check. Please note that the criminal history record will be returned to the licensing board, not the applicant.

Public Law Chapter 401, sec. W-1, amends Title 25 §1541, sub-§6 to allow the State Bureau of Identification to charge a fee to government organizations for services provided. Therefore, as of October 1, 1999 all criminal background checks of individuals are subject to a fee as determined by the Commissioner of Public Safety.



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PHONE: (207)624-8606  
(Office Phone)

FAX: (207)624-8637

(207)624-8653 (HEARING IMPAIRED)  
OFFICES LOCATED AT: 122 NORTHERN AVENUE, GARDINER,  
MAINE





ANGUS S. KING, JR.  
GOVERNOR

STATE OF MAINE  
DEPARTMENT OF PROFESSIONAL  
AND FINANCIAL REGULATION  
OFFICE OF LICENSING AND REGISTRATION  
**BOARD OF BOILERS & PRESSURE VESSELS**  
35 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0035

ANNE L. HEAD  
DIRECTOR



**AUTHORIZATION OF CREDIT CARD PAYMENT**

Fees owed to this Department may be paid by the use of a credit card. If you wish to pay your fee(s) with your credit card, please complete this form and send it with your application. Payment through credit cards will not be processed without this authorization form.

<b>Name of applicant:</b> (fees being paid for)		
<b>Mailing Address of applicant:</b> (fees being paid for)		
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>
<b>County:</b>	<b>Telephone #: (____) _____ - _____</b>	
<b>Name of cardholder:</b> (if other than applicant)		
<b>Mailing Address:</b> (if other than applicant)		
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>

I authorize the State of Maine, Department of Professional and Financial Regulation, Office of Licensing and Registration to charge my:

Visa     MasterCard \_\_\_\_\_  
Card number

Expiration date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ in the amount of: \$ \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

PHONE: (207)624-8606  
(Office Phone)



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