



## SCHEDULE

Date	Day	Time
July 7 & 8, 2020	Tue & Wed	8AM – 4PM
Sep 15 & 16, 2020	Tue & Wed	8AM – 4PM
Nov 17 & 18, 2020	Tue & Wed	8AM – 4PM

Cost: \$275

Location: Rm 7107 in the Pine Innovation Center on the PTCC campus (corner of Hillside and Main in Pine City, MN).

The state exam is given through the MN Department of Labor & Industry. To register for the exam and to find a testing location closest to you, please go to the MN Dept. of Labor and Industry website:

<https://secure.doil.state.mn.us/license/intro.aspx>

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# Contact Us For More Information

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MN ALLUCENSES  
BOILER  
OPERATOR EXAM  
PREP CLASS



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# MN All Licenses Boiler Operator Exam Prep Class

This two day seminar at PTCC was designed with one purpose in mind - to help you pass your boiler operator exam. Whether you are taking a Minnesota Special Engineer or the Chief "A" licensing exam, this seminar will cover what you need.

You are guaranteed to pass! Although our instructors have an extremely high pass rate, you will be allowed to retake the class at NO CHARGE if you get less than a passing grade.

The State will test you on (and the exam prep class will cover) the following subjects: Thermodynamics, Boiler & System Types, Safety Devices, Instrumentation & Controls, Steam Systems, Feedwater Systems, Combustion Theory & Systems, Water Treatment Chemistry, Plant Operations, Plant Maintenance, Code Issues (MN, ASME, NBIC) and Numbers & Calculations.

The instructors who developed this prep class & teach it include: Reed Sprung, Gordy Norby & Bob Hill . Each instructor has over 35 years of boiler operator experience and each hold their Chief A license.

## Register Today!

Day 1  
Boiler Types & Construction  
Thermodynamics I  
Thermodynamics II  
Combustion  
Piping, Pipe Fittings Etc.  
Steam, Condensate I  
Steam, Condensate II  
Hot Water Heating

Day 2  
Instrumentation & Controls  
Boiler Operations I  
Boiler Operations II  
Boiler Operations III  
Water Treatment  
Maintenance I  
Maintenance II  
Boiler Operations - State  
Regulations/Code  
Review/Q&A

Special Note: The state must receive your application 15-20 days prior to your testing date. Download an application from our website by clicking on "licensing" on our home page or following the link:  
<https://secure.doli.state.mn.us/license/initialapp.aspx>

The address to send the application is located in the upper left hand corner of the application. It is the students responsibility to get this boiler license application to the state. Note: you may also complete the DOLI online exam application form to speed up the application approval process.

## What to Expect

Unfortunately, two days is not enough time to teach you all the fundamentals of boiler operations as well as prepare you for the exam. Consider this an exam prep course only. It is designed to help you pass the boiler exam. Some study materials will be provided in class however, you should be prepared to take notes during class. If you would like additional study materials, we recommend the following books and/or workbooks:

- Special Engineer Licenses: Safe Boiler Operation Fundamentals; Low Pressure (LP) Boilers; LP Boilers Study Guide, LP Boilers Answer Key.
- 2nd Class C, 1st Class C & Chief C; LP Boilers (Steingress); LP Boilers Study Guide, LP Boilers Answer Key.
- 2nd Class B, 1st Class B & Chief Class B: High Pressure Boilers (Steingress).
- 2nd Class A, 1st Class A & Chief Class A: High Pressure Boilers (Steingress); Stationary Engineering (Steinress).

For More Information,  
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