

Troy Boiler Works

invites you to join us for our current 2026 schedule



Boiler Training Course



This is a two-day boiler training course for anyone interested in learning about steam fundamentals, boilers, burners, combustion, boiler controls, steam system auxiliaries, and more.

Here is our current 2026 class schedule!

For more information on how to register for our courses, please click on the links below, call our office at 518-274-2650, or email us at training@troyboilerworks.com.

Dates	Location	Click For More Info
May 12-13	Fishkill, NY	Fishkill Registration
June 9-10	Rochester, NY	Rochester Registration
July 14-15	Buffalo, NY	Buffalo Registration
August 11-12	Troy, NY	Troy Registration
Sept. 15-16	Plattsburgh, NY	Plattsburgh Registration
Tentative	Elmira, NY	Call Us If Interested
Tentative	Watertown, NY	Call Us If Interested

If you have an interest in scheduling a class for training operators at your facility, please call or email us. In addition to the regular course locations listed above, we can also conduct on-site with customized training sessions for your facility.



Learning more about the principles of flash steam and boiler blowdown heat recovery at our first class in August of 2018.



Learning about steam hammer at our Wallkill class in July 2020



Wrapping up the summer schedule in Plattsburgh, September 2020



Our 2020 Troy Class takes a break



Troy Boiler Works, Inc.
2800 7th Avenue
Troy, NY 12180
518-274-2650

About Our Course

We started this program in 2018 with the goal of providing high-quality training for boiler operators, supervisors, and maintenance personnel. The participants in our program have included staff from SUNY campuses, NYS DOCCS facilities, school districts, hospitals, paper mills, and manufacturing facilities throughout New York State. We are now entering our seventh year of this highly successful program with a total enrollment of over four hundred people who have attended at our multiple locations throughout New York.

Why should you take this course? We looked at all recent training class evaluations from the over 80 attendees participating that year. Based on the feedback received, 100% of those respondents either agreed or strongly agreed that this training will be beneficial to them in the performance of their jobs.

Some quotes from our students –

- ❖ "I highly recommend other boiler operators to take this course."
- ❖ "The instructors were able to keep the course interesting and convey useful information."
- ❖ "Broad range of interesting topics covered. Easily understandable for all."
- ❖ "Loved this course."
- ❖ "Balanced, good depth on all aspects."
- ❖ "Excellent instructors, venue, and course content."
- ❖ "Very organized and good overview of all aspects of the boiler system as a whole."
- ❖ "Course was very thorough. Concepts and systems were explained well."
- ❖ "Great Course!"
- ❖ "I really enjoyed the training. Thank You Troy Boiler!!"

Download Our Training Brochure

Course Content Description

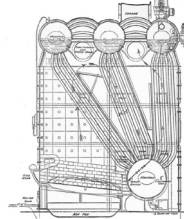
- Fundamentals of Steam
- Fundamentals of Combustion
- Boiler Types & Construction
- Burner Types & Construction
- High Temp Hot Water Generators
- Boiler Operating Procedures
- Boiler Safety Systems
- Deaerator & Feedwater Systems
- Water Treatment Principles
- Burner Systems & Controls
- ASME & NFPA Boiler Codes



Controls



Operations



Boiler Design & Construction



Boiler Safety & Codes

Table 1. Properties of Saturated Water and Steam (Temperature)

Temp (°F)	Pressure (psia)	Specific Volume (ft ³ /lb)	Enthalpy (Btu/lb)	Entropy (Btu/lb-°R)
212	14.7	26.8	970.3	1.4446
250	29.8	20.1	945.3	1.5679
300	67.2	16.6	909.3	1.6858
350	138.0	14.7	864.3	1.7893
400	247.1	13.3	811.3	1.8781
450	402.3	12.2	752.3	1.9541
500	609.6	11.3	689.3	2.0181
550	872.3	10.6	624.3	2.0721
600	1202.3	10.1	558.3	2.1171
650	1612.3	9.7	492.3	2.1541
700	2112.3	9.4	426.3	2.1841
750	2712.3	9.2	360.3	2.2081
800	3412.3	9.1	294.3	2.2271
850	4212.3	9.0	228.3	2.2421
900	5112.3	9.0	162.3	2.2541
950	6112.3	9.0	96.3	2.2631
1000	7212.3	9.0	30.3	2.2691

Fundamentals of Steam

To learn more about Troy Boiler Works and our capabilities, visit our website at

www.troyboilerworks.com