

# TRAINING ON BOILERS

- Advancing Skills in Boiler Engineering



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# ABOUT US

**Welcome to Pertecnica, your gateway to skill elevation! We specialize in providing targeted training for employees, equipping them with the tools to excel in their roles. Our expert-led programs ensure a seamless blend of theory and practical application, fostering continuous growth. At Pertecnica, we don't just train; we empower professionals for success in today's fast-paced work landscape.**



# SPECIALIZED TRAINING PROGRAMS

## - for Boilers

Our expert instructors, equipped with extensive industry experience, provide hands-on guidance, ensuring participants gain practical insights into managing various boiler types and addressing challenges effectively. Through a blend of theoretical knowledge and practical application, our training cultivates a skilled workforce capable of maximizing productivity, minimizing downtime, and adhering to industry standards. Join Pertechnica Engineering's specialized training programs to elevate your team's proficiency in boiler operations and propel your organization towards excellence in the field.

### Employee Trainings on Boilers

#### Hot Water Boiler Operation and Maintenance Training:

Designed for professionals working with hot water boilers, this program covers heating systems, heat exchangers, and maintenance practices specific to hot water boiler systems.



#### Boiler Instrumentation and Control Systems:

Training on boiler instrumentation, control systems, PLCs, and SCADA integration for efficient boiler control and monitoring.

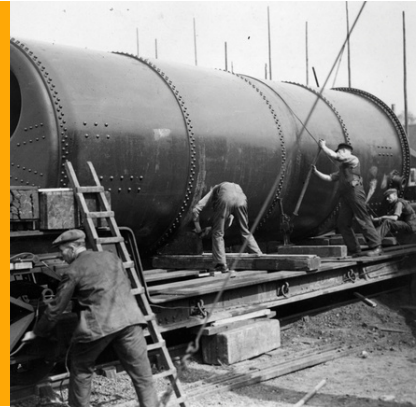


**Boiler Environmental Compliance:**  
Addresses environmental regulations and best practices related to boiler operation, emissions control, and waste management.



**Boiler Design and Engineering Training:**  
This program covers the fundamental principles of boiler design, including boiler types, heat transfer, combustion, and material selection. Participants learn how to design boilers for specific applications.

**Boiler Assembly and Installation Training:**  
Covers the assembly, installation, and piping of boilers and associated equipment, including steam lines, feedwater systems, and safety devices. Emphasizes safety during installation.



**Boiler Operation and Control Training:**  
Focused on boiler operation, this training program covers boiler controls, startup and shutdown procedures, load management, and safety protocols.

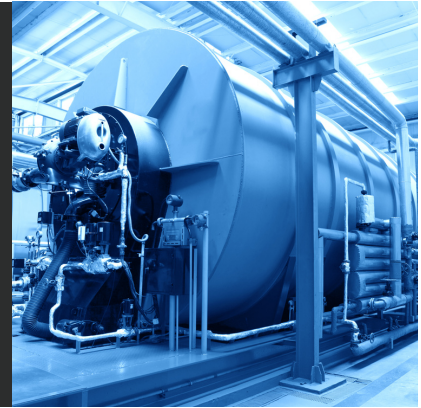




## Boiler Maintenance and Inspection

### Training:

Covers routine boiler maintenance tasks, preventive maintenance scheduling, and inspection techniques to ensure the reliability and safety of boiler systems.



## Boiler Safety and Regulatory Compliance

### Training:

Emphasizes safety practices when working with boilers, including hazard identification, safety regulations, and compliance with industry standards.



## Boiler Efficiency & Emissions Control Training:

Addresses strategies for optimizing boiler efficiency, reducing emissions, and meeting environmental regulations, including combustion optimization and emissions monitoring.

## Boiler Water Treatment & Chemistry Training:

Covers water chemistry principles, boiler water treatment, and water quality management to prevent scale, corrosion & fouling in boiler systems.



## Boiler Troubleshooting and Repairs:

Provides skills in diagnosing and troubleshooting boiler issues, including fault identification, troubleshooting techniques, and basic repair procedures.



**Steam Boiler Operation and Maintenance Training:**

**Focused on steam boilers, this program covers steam generation, steam quality, steam distribution, and maintenance practices specific to steam boiler systems.**



**Boiler Remote Monitoring and Telemetry:**  
**Training on remote monitoring systems, data telemetry, and communication protocols to allow for real-time monitoring and control of boiler systems.**

**Why Choose Pertecnica Engineering?**

- **Expertise & Relevant Experience:** We have in-depth expertise in the specific subject matter and relevant industry experience. This ensures that the training is not only theoretically sound but also practically applicable to real-world scenarios in the company's specific field.
- **Customization and Relevance of Content:** Our tailored programs that align with the company's objectives, culture, and the specific skill gaps of the employees are highly valued.
- **Measurable Outcomes and ROI:** Our training will lead to tangible improvements in employee performance and productivity, thereby offering a strong return on investment (ROI).
- **Flexibility & Innovative Delivery Methods:** Flexibility in terms of scheduling, format (in-person, online, hybrid), and adaptability to different learning styles. We offer innovative and engaging training methods that keep employees motivated and facilitate effective learning.

