

# Boiler Operation, Maintenance & Safety

2 Day Seminar



## DESCRIPTION:

The Boiler Operation, Maintenance and Safety seminar utilizes the latest information on hot water and steam boiler equipment, service tools, water treatment chemicals and energy cost-saving procedures while maintaining a completely noncommercial approach with no brand preference. This seminar is an excellent preparation for jurisdictional boiler operator licensing examinations.



***Includes State, City, and Local boiler codes for your jurisdiction!***

This boiler training seminar underscores the critical need for adherence to boiler room safety procedures. It includes the proper methods to operate and maintain your boilers in a safe, reliable and efficient manner. Suited for boiler operators, service technicians, mechanics, foremen, and those tasked with the selection and supervision of vendors or employees, safety is stressed throughout!

Every on-site seminar addresses only the boilers in use at that facility. This seminar can be expanded to three days to allow for hands-on boiler exercises.

For registration or more information call **303.838.7396**  
or email [armin@deltaparadigm.com](mailto:armin@deltaparadigm.com)

## Each student receives:

- 1 Published textbook "Boiler Operation, Maintenance and Safety"
- 2 Course Certificate
- 3 Sample Preventative Maintenance Routine
- 4 Sample Boiler Logs

## Topics covered in detail include:

- The history of boilers and steam use
- Thermodynamics and heat transfer
- Boiler types and design
- High and low-pressure boilers
- Water treatment chemicals, equipment, and procedures
- Combustion controls
- Burner operation and maintenance
- Gas and oil piping systems
- Steam traps and steam systems
- Boiler inspections and repairs
- Preventive maintenance procedures
- Troubleshooting and servicing equipment

d  
e  
l  
t  
a  
P  
a  
r  
a  
d  
i  
g  
m  
I  
n  
c.  
d  
e  
s  
i  
g  
n  
e  
n  
g  
i  
n  
e  
e  
r  
i  
n  
g  
l  
e  
a  
d  
e  
r  
s  
h  
i  
p  
t  
r  
a  
i  
n  
i  
n  
g  
a  
n  
a  
l  
y  
s  
i  
s