

INDUSTRIAL EXPLOSIVES CLEANING & DESLAGGING FOR BOILERS

August 18-19, 2020 | August 17-18, 2021

Online Short Course

About this course...

The Petr Explosives Group's International Explosives Academy is now offering a **2-day** online course on Industrial Explosives Cleaning & Deslagging for Boilers in collaboration with the Colorado Department of Labor and Employment that will cover general explosives regulations and the best practice procedures with an emphasis on explosive cleaning and deslagging. In order to keep your boiler running efficiently and to prevent expensive heating repair costs, regular service and heating maintenance is necessary. This course will overview the best practices for maintaining efficiency and extending boiler life for all types of system makes and models using explosives for industrial cleaning & deslagging. This course will enable power plant managers and engineers to understand the cleaning process. After 2 days participants will understand how to safely and effectively use explosive industrial cleaning for industrial and utility boiler systems.

Participants will learn:

1. An overview of industrial and utility boiler systems
2. Boiler inspection, operational control, and general troubleshooting tips
3. Procedure damage mechanisms and fracture analyses
4. Explosives cleaning methods to remove slag and prevent tube damage

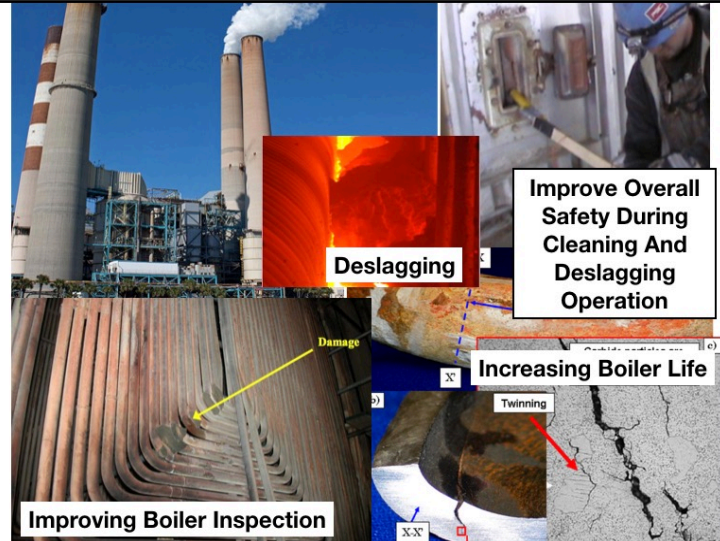
Registration Information

To register for this course, please visit our website: PetrExplosivesGroup.com

For registration or technical questions, please contact Dr. Vilem Petr:

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Course Content

This course is designed to maximize safety, dependability, and efficiency when using explosive cleaning methods. This will help to extend boiler life, improve boiler efficiency, reduce energy costs, and establish a culture of safe work practices. The course will overview different methods used for explosive industrial cleaning and deslagging with considerations for operational downtime for the boiler. We will also overview the relevant calculations used to assure that the system will not be damaged during the cleaning and deslagging process. Participants will gain an understand of how this process works by creating shock waves to fracture and remove the deposited slag, ash, and other debris.

Day One – Tuesday

Introduction to commercial boilers
Boiler inspections
Operational controls
Procedure damage mechanisms
Material properties of tubes
Overview of slag creation & different types of slag
Overview of explosives safety

Day Two – Wednesday

Federal & state regulations
Overview of explosive properties
Overview of different cleaning methods & practices
Analysis methods
Recommendations to mitigating boiler damage
Controls for successful cleaning

Registration Fee

Per Attendee - \$ 975 (USD)