

Energy: Explosive Train Assembly Procedures

This industry-specific course offers an overview of perforating, the most important components of explosive train assemblies, and their safe storage and use in the oil and energy exploration field.



Objectives:

- Discuss the physical properties of explosive train assemblies.
- Describe the components of explosive train assemblies.
- Describe non-electric detonators and when they are used.
- Describe resistorized detonators and how they are used.
- Describe Rig Environmental Detonators and how they are used.
- Describe bi-directional boosters and how they are used.
- Describe the physical properties of detonating cords.
- Explain how detonating cords work.
- Describe a jet perforating charge.
- Name and describe the four components of a jet perforating charge.
- Recognize the most dangerous components of explosive train assemblies.
- Explain how to use explosive train assemblies safely.

Audience: Employees involved in perforating operations on wellsite jobs.



Primary Regulations: OSHA 29 CFR 1910.109 - Explosives and blasting agents.

Related Regulations: None

Duration: 15-30 minutes



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