

Course ID: 406

Course Name: Advanced Explosives Safety- Propellants/Pyrotechnics

Course Length: 40 Hours

Why Be Certified?

Promote and maintain a high level of safety awareness.

Increase technical knowledge and operational efficiency.

Protect management and supervisory personnel from liability.

Meet regulatory requirements.

Prevent accidents.

Who Should Be Certified?

Government and contract employees who work with or in the presence of explosives, ammunition, weapon systems, or explosive components.

Managers, supervisors, and other individuals whose actions and decisions have an impact on explosives safety.

Employees of companies that have or may be seeking government contracts that require explosives certification.

Anyone who falls under the provisions of AMC-Reg 350-4, ATEC-Reg 385-1, NAVSEA OP5, AF-Manual 91-201, DOD 4145.26-M, OSHA CFR 29, DOT CFR 49, and other safety regulations.

This five-day course is an expanded version of Course #202 featuring an emphasis on development and testing projected/dropped munitions, fuses, pyrotechnic devices, flares, grenades and associated weapon systems. It includes the core topics from the #101 & #202 Course:

- Characteristics and Hazards of Ammunition and Explosives
- Explosive Effects
- Classification Systems and Hazard Divisions
- Storage Principles and Storage Compatibility
- Fire and Chemical Hazard Symbols
- Fire Protection at Explosives Facilities
- Transporting and Handling Explosives
- Industrial Safety and Explosives
- Personal Protective Clothing and Equipment
- Material Handling Equipment
- Explosives Operations Safety
- Static Electricity and Electrostatic Discharge (ESD)
- Standard Operating Procedures
- Munition Characteristics & Safety Precautions
- Test Firing Small Arms & Mortar Rounds
- Test Firing Large Caliber Weapons
- Range Safety & RDTE Operations
- Procedures & Precautions at Test & Assembly Areas

Additional Topics Covered in the #406 course:

- Operations Common to RDT&E Missions
- Explosives Laboratory Safety
- Explosives Loading & Assembly Room Safety
- Firing Line Safety
- Test Firing Weapon Systems and Aircraft Armament
- Precautions in Impact Areas
- Selected Munitions & Ordnance Systems
- Successful Explosives Site Visits
- Mishap Case Studies (Cause, Contributing Factors & Precautionary Measures)

Contact Us For Dates, Locations and Cost

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