



Explosives Safety and Compliance

32 Hour Course

This course provides an intermediate review of explosive safety and compliance topics directed at both beginners and those with more experience. Using unique learning techniques to enhance the student's understanding of these subjects, this course is ideal for anyone who will develop, manage or implement an explosives safety program.

The course covers the following topics:

- I.** The Chemistry and Classification of Explosives
- II.** The Behavior of Explosives
- III.** Shock and Detonation
- IV.** Initiation and Initiators
- V.** Blast Effects
- VI.** Quantity-Distance tables
- VII.** Regulatory Structure and Licensing
 - A. The Bureau of Alcohol, Tobacco, Firearms and Explosives (BATFE)
 - B. States that regulate explosives
 - C. U.S. Department of Transportation, International Air Transport Association and other agencies
 - D. Types of licenses
- VIII.** Regulations of the Bureau of Alcohol, Tobacco, Firearms and Explosives (BATFE) and an Overview of State Regulations
 - A. The American Table of Distances
 - B. Storage requirements
 - C. Inventory Control
 - D. Security
 - E. Emergency response
- IX.** Transportation
 - A. Explosive classifications
 - B. Packaging requirements for explosives
 - C. Requirements for marks and labels
 - D. Shipping paper and documentation preparation
 - E. Transportation security
 - F. Emergency response