



SightSpan Security

A DIVISION OF THE SIGHTSPAN CONSULTING GROUP

Explosive Ordnance Device Training Course

SightSpan Inc.

PO Box 4023 | Mooresville, NC 28117 USA | 704-663-0074 | www.SightSpan.com

Explosive Ordnance Devices I

Course Overview:

Improvised Explosive Devices (IED): This session will introduce the student to the various items that are used in bomb / improvised / manufacturing process.

Introduction to Basic Electricity: The student will gain insight into how electricity is used in the manufacturing of explosive devices. They will also learn how different types of materials are used for initiation systems when making improvised explosive devices.

Chemical – Biological: The student will be introduced to types of chemical/biological weapons and how they could be deployed.

Crime Scene Management: The student will learn the proper techniques for processing an explosive crime scene. They will also learn the proper procedures for distance – how far a crime scene may extend.

Hands-On – Explosive Crime Scene Searching: The students will actually participate in the processing of a simulated crime scene where an improvised device has been used. All methods of classroom instruction will be put to use. At the end of the exercise the students will be able to present their theories of what caused the explosion, and what was used in the manufacturing of the device.

Upon completion the student will have gained the knowledge:

1. Understand IEDs and materials
2. Introduction to crime scene processing
3. Crime scene searching

Explosive Ordnance devices II

Course Overview:

Preparing for major incidents under stressful conditions: The class will be exposed to lessons learned from 1st Responders who worked at high profile, stressful incidents. Suggestions will be given on how to prepare for and deal with and work through these situations.

Introduction to explosives and their hazards: This session will identify the differences between high and low explosives and the common types of commercial / military / improvised explosives. They will study the theory of explosives and how this information can assist their investigations. The student will learn the hazards associated with explosives and their dangers to 1st responders.

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Bomb threats and crisis management plans (CMP): The student will learn how to assist Government and private facilities in creating a *Crisis Management Plan*. Topics will include: picking team members, properly documenting/relaying the threat, evaluation of the threat, determining which type of search or evacuation will be the safest and most productive and cooperation between the Government, private facility and the 1st responders to expedite a procedure to safely declare an area fit to return to.

Suspicious Packages: This session will cover suggested ways to deal with a suspicious package including: reporting, marking the area, evaluations, evacuations, important information needed for the responding bomb squads and the removal/transportation of the item.

Improvised Explosives Devices (IEDs)/Booby Traps: These sessions will cover variations of improvised (home made) explosives devices encountered by 1st responders. The class will learn how these IEDs are often used in conjunction with booby trap activation systems to injure or kill unsuspecting searchers or trespassers.

Crime Scene Management and Crime Scene Searching/Evidence Collection: These topics will cover the significance of properly safeguarding a crime scene, suggested methods of searching for and documenting physical evidence.

Explosive Investigations and Agency Cooperation: Case studies will be utilized as a guide to conducting an efficient and organized investigation. Topics include: finding the seat of the explosion, setting up job assignments, evaluating progress, daily and long term goals and preparation for potential arrest and trials. The importance of pre-established Protocols/Memorandums of Understanding with Federal and interagency units will be addressed.

Case Studies: Several actual cases will be discussed and analyzed. Students are encouraged to present cases of interest that their departments have investigated.

Motivations of Bombers: Terrorism is a main concern to all 1st responders, but to avoid tunnel vision we will also discuss many other motivations that have been and may continue to be encountered.

Upon completion the student will have gained the knowledge:

1. Planning and dealing effectively with bombs and threats
2. In-depth knowledge of IEDs
3. Practical crime scene procedures and investigating a bomb scene
4. Understanding psychology of bombers

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