


CBRNE Awareness

Weapons Of Mass Destruction

Basic Awareness Course



Course # 06085

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CBRNE Awareness Introduction



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CBRNE Awareness

Focus

- CBRNE (NBC) Weapons
 - Chemical agents/devices
 - Biological agents/devices
 - Radiological materials
 - Nuclear material/devices
 - Explosive materials/devices




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CBRNE Awareness

Course Goals

- Describe the threat
- Recognize signs and symptoms of CBRNE/ NBC exposure
- Recognize dissemination devices
- Describe proper Awareness Level response actions



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CBRNE Awareness

- BASIC TERMS

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CBRNE Awareness Basic Terms

B-NICE



Biological **N**uclear **I**ncendiary **C**hemical **E**xplosives

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CBRNE - Awareness **Basic Terms**

CBRN or CBRNE

- **C** Chemical
- **B** Biological
- **R** Radiological
- **N** Nuclear
- **E** Explosive

- **BWA**
- **CWA**
- **TIC**
- **TIM**

A new term developed to describe how various forms of materials cause harm.

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CBRNE - Awareness

TRACEM-P

- Thermal
- Radiological
- Asphyxiating
- Chemical
- Etiological
- Mechanical
- Psychological

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CBRNE - Awareness

Typical HAZMAT Incident (HMI) vs. CBRNE Terrorism Incident (CBRNE-TI)

	HMI	CBRNE-TI
• Super toxic material		☑
• Hazard identification	x	☑
• Mass casualties		☑
• Many fatalities		☑
• Mass decontamination		☑
• Unusual risk to emergency responders and civilians		☑

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CBRNE Awareness

Typical HAZMAT Incident (HMI) vs. CBRNE Terrorism Incident (CBRNE-TI) (con't)


	HMI	CBRNE-TI
• Crime scene/evidence preservation		☑
• Major interaction/coordination with local, state, and federal agencies		☑
• Scene communication overload		☑
• Chaos, mass hysteria		☑
• Resources immediately overwhelmed		☑
• Secondary device designed to kill responders		☑
• Pre-incident indicators		☑

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CBRNE Awareness

Administrative Notes

- Much of the material is military in nature.
- Instruction only addresses additional information relative to CBRNE (NBC).



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CBRNE Awareness

Learning Objectives

Terrorism

- Causes
- Objectives
- Definitions
- Primary Perpetrators

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CBRNE Awareness **Learning Objectives**

Chemical Agents

- Physical Rules that govern behavior
- Implication of Response Activities
- Properties of Military and Industrial agents
 - Effects of exposure
 - Signs and symptoms (initial indicators)

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CBRNE Awareness **Learning Objectives**

Biological agents

- Various forms (Natural and man made)
- Effects of exposure
- Definitions
- Signs and symptoms

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CBRNE Awareness **Learning Objectives**

Radiological

- Effects
- Objectives
- Definitions
- Primary Perpetrators

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