

**TRAINING AND TESTING  
SPECIFICATIONS FOR LEARNING DOMAIN #41  
HAZARDOUS MATERIALS AWARENESS**

July 1, 2012

RBC	Other Basic Courses					Requal
	832	III	II	I	SIBC	
X				X	X	X
X				X	X	
X				X	X	
X				X	X	
X				X	X	
X				X	X	
X				X	X	

I. LEARNING NEED

Peace officers need to know the risks presented by hazardous materials and their role in responding to hazardous materials incidents.

LEARNING OBJECTIVES

- A. Identify a hazardous materials incident
- B. Identify the specific challenges that are presented by incidents involving hazardous materials
- C. Recognize the roles and responsibilities of a First Responder at the awareness level
- D. Identify the primary pathways in which hazardous materials can enter the human body, including:
  - 1. Inhalation
  - 2. Absorption
  - 3. Ingestion
  - 4. Injection
- E. Identify precautions peace officers can take to protect themselves from contacting hazardous materials

II. LEARNING NEED

Peace officers must become familiar with the indicators and warning systems that identify specific dangers of hazardous materials in order to respond safely and effectively to hazardous materials incidents.

RBC	Other Basic Courses					Requal
	832	III	II	I	SIBC	
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X
X				X	X	X

### LEARNING OBJECTIVES

A. Recognize the indicators of a hazardous materials incident including, but not limited to:

1. National Fire Protection Association 704 (NFPA)
2. Placards/Labels
3. Physical indicators
4. Witnesses or involved parties
5. Container(s)
6. Victim/Injuries

B. List standardized sources of information of materials present at a hazardous incident, including, but not limited to:

1. Emergency Response Guide (ERG)
2. Material Safety Data Sheets (MSDS)
3. Shipping papers
4. Other documents

### III. LEARNING NEED

Peace officers must have a clear understanding of the need for safety, isolation, and notification when acting as First Responders at the scene of a hazardous materials incident.

### LEARNING OBJECTIVES

A. Recognize the guidelines for safely assessing and approaching a hazardous materials incident

B. Identify factors to consider when establishing a perimeter around a hazardous materials incident

C. Identify the types of control zones at a hazardous materials incident, including:

1. Exclusion zone

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X X				X X	X X	X X
X				X	X	X
X X X X X X X X X				X X X X X X X X X	X X X X X X X X X	X X X X X X X X X
X				X	X	X
X  X X X				X  X X X	X  X X X	
X X				X X	X X	

2. Contamination reduction zone
3. Support zone

D. Identify the information that should be communicated to dispatch from the scene of an incident, including:

1. Location of the incident
2. Type of premises and/or vehicles involved
3. Size and perimeter of the involved area
4. Weather conditions
5. Name of hazardous material involved, if known
6. Information about placards, ID numbers, warning signs, etc.
7. Safe entry and exit routes to and from the scene
8. EMS, if appropriate
9. Location of command post

E. Identify the procedures to be followed before leaving the scene, (e.g., decontamination, exposure reporting)

#### IV. REQUIRED TESTS

None

#### V. REQUIRED LEARNING ACTIVITIES

A. The student will participate in a learning activity designed to reinforce an understanding of first responder actions at the scene of a hazardous materials incident to include:

1. Identification of the event as a hazardous materials incident
2. Application of recommended safety precautions
3. Use of the Emergency Response Guidebook (ERG) to determine the initial isolation and protective action distances
4. The need to isolate the scene
5. Notification considerations

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	832	III	II	I	SIBC	
X				X	X	
X				X	X	
X				X	X	
X				X	X	
4				4	4	2

B. The student will participate in a learning activity designed to reinforce an understanding of the indicators for determining the hazard potential of the suspected material to include:

1. Placard
2. Sign
3. Warning label
4. Any other indication

#### VI. HOURLY REQUIREMENTS

Students shall be provided with a minimum number of instructional hours on hazardous materials from an instructor certified by the California Specialized Training Institute in accordance with Title 19 of the California Code of Regulations, Division 2, Chapter 2, Subchapter 2, Section 2530 (a).

#### VII. ORIGINATION DATE

January 1, 2001

#### VIII. REVISION DATE

October 1, 2001  
January 1, 2004  
September 15, 2004  
January 1, 2006

January 19, 2007  
July 1, 2007  
August 8, 2007  
July 1, 2008

July 1, 2010  
July 1, 2012