

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

406.02E

Estimating the Size of an Endangered Area

Discipline: Hazmat – Operations Level
Effective: 3/5/2011
Revised:
Replaces:

Anne Huff, Fire Chief

I. Objective

Given scenarios involving hazardous materials/WMD incidents, the operations level responder shall estimate the potential harm within the endangered area at each incident and shall meet the following requirements:

- A. Identify a resource for determining the size of an endangered area of a hazardous materials/WMD incident.
- B. Given the dimensions of the endangered area and the surrounding conditions at a hazardous materials/WMD incident, estimate the number and type of exposures within that endangered area.

II. Instructions – Procedures for Achieving the Objective

Given the most current edition of the *Emergency Response Guidebook*, a map or area description and a scenario involving a hazardous materials incident, you shall identify the size of an endangered area and estimate the number and type of exposures within that endangered area. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The responder will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Emergency Response Guidebook, most current edition
- B. Map or narrative description of an incident area

V. Reference Sources

See Reference Sources in PB 406.02A.

406.02E Estimating the Size of an Endangered Area

Discipline: Hazardous Materials-Operations Level

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

The Operations Level Responder shall: *(No partial points given)*

- A. Using the Emergency Response Guidebook, identify the size of the endangered area for the hazardous materials incident in the scenario....P/F _____
- B. Estimate the number of people located in the endangered areaP/F _____
- C. Identify type of environment (lakes, rivers, and streams; urban, rural, etc.)..... P/F _____
- D. Identify the type of property within the endangered area based on the scenario or map/area provided (schools, hospitals, dwellings, nursing homes, etc.).....P/F _____
- E. Identify the significance the time of day or weather may play if applicable.....P/F _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
P/F	P/F	First			
		Second			
		Third			