

PERFORMANCE BENCHMARKS

406.01E

Identifying Tank Car Containers by Type

Discipline: Hazardous Materials
Effective: 1/1/2001
Revised: 7/5/2010
Replaces: Firefighter Benchmark #89

Anne Huff, Fire Chief

I. Objective

The firefighter, given examples of the following tank cars, shall identify each container by type:

- A. Non-pressure tank cars with expansion domes
- B. Non-pressure tank cars without expansion domes
- C. Pressure tank cars
- D. Cryogenic liquid tank car

II. Instructions – Procedures for Achieving the Objective

You will be given diagrams of the different types of tank cars. You shall verbally identify the four types of tank cars on the diagram(s). 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 firefighter will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

Diagrams of:

- A. Non-pressure tank cars with expansion domes
- B. Non-pressure tank cars without expansion domes
- C. Pressure tank cars
- D. Cryogenic liquid tank car

V. Reference Sources

- A. TCFP, Performance Standards, Section 166-4.07
- B. NFPA, National Fire Protection Association 472, 3-2.1.14
- C. IFSTA Hazardous Materials for First Responders, 2nd Edition, pages 83-86.

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Discipline: Hazardous Materials

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

If the firefighter:

(No partial points given)

- a) Verbally identifies non-pressure tank cars with expansion domes..... 2.0 _____
- b) Verbally identifies non-pressure tank cars without expansion domes..... 2.0 _____
- c) Verbally identifies pressure tank cars 2.0 _____
- d) Verbally identifies cryogenic liquid tank car..... 2.0 _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
8	6	First			
		Second			
		Third			