

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

407.05C Extrication Equipment Handling

Discipline: Vehicle Extrication

Effective: 2/5/2014

Revised:

Replaces:

Anne Huff, Fire Chief

I. Objective

The firefighter shall demonstrate safe and proper methods of handling vehicle extrication tools.

II. Instructions – Procedures for Achieving the Objective

Given a set of vehicle extrication tools you will demonstrate the proper procedures and handling techniques of those tools which may be required to extricate an entrapped victim of a motor vehicle accident:

You will begin on my instruction to start. The skill will end when you state to me you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The firefighter shall accomplish the skill wearing "FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS" as required by the Texas Commission on Fire Protection to include: helmet, gloves, coat, trousers, and boots. Eye protection will be worn at all times during this evolution. The firefighter is not required to wear an SCBA or hood.

IV. Preparation & Equipment

Hydraulic devices

- A. Power Plant
- B. Spreader
- C. Cutter
- D. Rams

V. Reference Sources

- A. IFSTA, Principles of Vehicle Extrication, second edition.
- B. Essentials of Firefighting, 4th edition, pages 188 – 190.

407.05C Extrication Equipment Handling

Discipline: Vehicle Extrication

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

If the Responder:

(No partial points given)

Cutters

- a) Carries and operates tools using the designated handles P/F _____
- b) Do not use the hoses to carry, pull or move the tools or pump P/F _____
- c) Does not stand on the hydraulic hose..... P/F _____
- d) Does not place himself between the tool and the vehicle..... P/F _____
- e) Position the cutter so that it is at a 90 degree angle to the cutting surface..... 2.0 _____
- f) Avoids cutting at the tips..... 2.0 _____
- g) Avoids cutting through any hidden airbag inflators or other potential hazards... P/F _____
- h) Ensures cut is full depth of cutting tips.....2.0 _____
- i) Repositions cutters to avoid twisting or separation of tips..... 2.0 _____

Spreaders

- a) Carries and operates tools using the designated handles P/F _____
- b) Do not use the hoses to carry, pull or move the tools or pump P/F _____
- c) Does not stand on the hydraulic hose..... P/F _____
- d) Does not place himself between the tool and the vehicle..... P/F _____
- e) uses the full surface of the spreading tips.....2.0 _____
- f) Stops and repositions tips on spreaders if they lose their grip.....2.0 _____
- g) Ensures that the that material is pushed to the outside of the vehicle.....2.0 _____

Rams

- a) Carries and operates tools using the designated handles P/F _____
- b) Do not use the hoses to carry, pull or move the tools or pump P/F _____
- c) Does not stand on the hydraulic hose..... P/F _____
- d) Does not place himself between the tool and the vehicle..... P/F _____
- e) Does not accidentally begin to lower or release pressure on the ram..... P/F _____
- f) Uses a ram support to ensure a good secure ramming platform..... 2.0 _____
- g) Provide stabilization below the lower purchase point before apply pressure..... 2.0 _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
18	16	First			
		Second			