

PERFORMANCE BENCHMARKS

404.020

Producing a Foam Fire Stream by Direct Injection

Discipline: D/O
Effective: 12/5/2013
Revised:
Replaces:

Anne Huff, Fire Chief

I. Objective

The Driver/Operator will correctly produce a proportioned foam fire stream using the apparatus foam proportioning system.

II. Instructions – Procedures for Achieving the Objective

Given a fire apparatus equipped with foam proportioning system, the correct nozzles and equipment, the Driver/Operator shall correctly produce a proportioned foam fire stream using the on-board apparatus foam system.

III. Examiner's Note

The Driver/Operator will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Fire department apparatus equipped with a foam proportioning system
- B. Correct nozzles and equipment for producing a foam stream
- C. Foam or practice foam
- D. Water source

V. Reference Sources

- A. IFSTA Pumping Apparatus Driver/Operator Handbook, 2nd edition.
- B. NFPA 1901, Chapter 22, pp. 1145 and 1150
- C. Apparatus Operators Manual

404.02O – Producing a Foam Fire Stream by Direct Injection ("Husky" System)

Discipline: D/O

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

(Note: Start skill with hose line on ground.)

The Driver/Operator:

(No partial points)

Part 1: Apparatus Foam Tank

***Start Time**

- a) Correctly sets the parking brake and engages the apparatus fire pump before exiting the cab..... P/F _____
- b) Opens tank-to-pump valve 1.0 _____
- c) Turns foam system on and selects the correct foam settings 1.0 _____
- d) Opens correct discharge, and throttles to the correct PSI required for producing a foam stream 2.0 _____
- e) Produces a finished foam fire stream..... P/F _____

***End Time**

Part 2: Drafting Foam (bucket, drum, etc.)

- f) Ensures foam fill valve is in the **FOAM** position.....P/F _____
- g) Correctly demonstrates procedure of switching to foam drafting operations 1.0 _____
- h) Reverses the procedure to end foam pumping operation and correctly flushes system..... 1.0 _____
- i) Correctly verbalizes to the instructor the differences between Class B and Class A foams..... 1.0 _____

Completes skill in allotted time.....P/F _____

Allotted time for this skill: 1:30

Time _____ minutes _____ seconds

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
7	6	First			
		Second			