

PERFORMANCE BENCHMARKS

404.02P

Producing a Foam Fire Stream Using Induction Systems

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 Using Induction Systems

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) Opens correct discharge 1.0 _____
- d) Opens corresponding eductor valve..... 1.0 _____
- e) Opens foam valve..... 1.0 _____
- f) Sets the correct foam percentage instructed..... 2.0 _____
- g) Throttles to the correct PSI required for producing a foam stream..... 1.0 _____
- h) Produces a finished foam fire stream..... P/F _____

***End Time**

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

- i) Correctly demonstrates procedure of switching to foam drafting operations..... 1.0 _____
- j) Reverses the procedure to end foam pumping operation and correctly flushes system..... 1.0 _____
- k) 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: 2:30

Time ____ minutes ____ seconds

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
10	8	First			
		Second			