

PERFORMANCE BENCHMARKS

404.03M - Transfer Valve Operation (Aerial Fire Pump)

Discipline: Driver/Operator

Effective: 12/5/2010

Revised:

Replaces:

Anne Huff, Fire Chief

I. Objective

The Driver/Operator, given a fire department aerial apparatus with a multi-stage pump, shall demonstrate the operation of the volume/pressure transfer valve under actual pumping conditions.

II. Instructions – Procedures for Achieving the Objective

Given a fire department aerial apparatus with a multi-stage pump, you shall demonstrate the operation of the volume/pressure transfer valve under actual pumping conditions. The skill will end when you state to the examiner that you have completed all the identified steps. Do you understand these instructions?

III. Examiner's Note

The Driver/Operator will be given a condition that requires him/her to start in the series or pressure position and then change over to the parallel or volume position. The Driver/Operator will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Fire department aerial apparatus with a multi-stage pump

V. Reference Sources

- A. IFSTA, Aerial Apparatus Driver/Operator Handbook, 2nd edition
- B. Manufacturer's Operating Manual
- C. NFPA 1002, 3-1.1, 3-2.1

404.03M – Transfer Valve Operation (Aerial Fire Pump)

Discipline: D/O

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

If the Driver/Operator: *(No partial points given)*

- A. Operates the pump in the series (pressure) position.....2.0 _____
- B. Verbally states to the examiner when or why the pump would need to be transferred from the series (pressure) position to the parallel (volume) position.....1.0 _____
- C. Operates the transfer valve manually or electronically shifting the pump from the series (pressure) position to the parallel position at idle pressure.....**P/F** _____
- D. Operates the pump in the parallel (volume) position.....2.0 _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
5	4	First			
		Second			
		Third			