

**PERFORMANCE BENCHMARKS**

404.030

**Aerial Apparatus Fire Pump Auxiliary Cooling System**

**Discipline:** Driver/Operator

**Effective:** 12/5/2010

**Revised:**

**Replaces:**

*Anne Huff, Fire Chief*

**I. Objective**

The Driver/Operator, given a fire department aerial apparatus equipped with a fire pump shall demonstrate the operation of the auxiliary cooling system.

**II. Instructions – Procedures for Achieving the Objective**

Given a fire department aerial apparatus equipped with a fire pump, you shall demonstrate the operation of the auxiliary cooling system. 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 not be allowed to review the performance steps at the time of testing.

**IV. Preparation & Equipment**

A. Fire department aerial apparatus equipped with a fire pump and auxiliary cooling system.

**V. Reference Sources**

A. IFSTA, Aerial Apparatus Driver/Operator Handbook, 2<sup>nd</sup> edition

B. Manufacturer's Operating Manual

C. NFPA, 1002 3-1.1, 3-2.1

# 404.03O– Aerial Apparatus Fire Pump Auxiliary Cooling System

Discipline: D/O

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

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

- A. Verbalizes to the examiner, when and why the auxiliary cooling system would need to be used.....2.0 \_\_\_\_\_
- B. Demonstrates the use of the auxiliary cooling system by opening and closing the shut-off valve or switch located on the pump panel.....P/F \_\_\_\_\_
- C. Verbalizes to the examiner alternative solutions to the auxiliary cooling
  - 1. Spray water on bottom of oil pan.....1.0 \_\_\_\_\_
  - 2. Spray water over radiator.....1.0 \_\_\_\_\_
  - 3. Discharge water through a dump line.....1.0 \_\_\_\_\_

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