



RUSSELLVILLE FIRE DEPARTMENT
POLICY MANUAL

Policy Number:
Section:
Original Date:
Revised Date:

PURPOSE

The purpose of this policy is to ensure that the correct procedures have been performed for certification of fire pumps.

POLICY

A member of the Fire, Building & Safety Division shall witness the testing and certification of the fire pump.

Fire pumps shall be tested in accordance with the Arkansas Fire Prevention Code and applicable NFPA 25 and 20 Standards.

Fire pump acceptance testing shall be performed and certified by a qualified professional.

A report of test results shall be submitted by the qualified professional, to include:

1. All raw data necessary for a complete evaluation of fire pump performance, including suction and discharge pressures, voltage and amperage readings, and pump speed at each flow rate tested.
2. The fire protection system demand.
3. Pump performance.
 - a. 150 percent of rated capacity at 65 percent of rated pressure
 - b. 100 percent of rated capacity at rated pressure
 - c. A maximum of 140 percent of rated pressure at churn (no flow)
4. Deficiencies noted during the testing and identified during analysis, as well as recommendations to address them.
5. Manufacturer's performance data, actual data, and the available pump discharge curves required by NFPA 25.
6. Time delay intervals associated with the pump's starting, stopping, and energy source transfer.
7. Jockey pump / low pressure data.

Approved

Fire Chief

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