




# City of Phoenix

FIRE DEPARTMENT  
FIRE PREVENTION DIVISION

## Explanatory Policy – TEMPORARY FIRE PUMP

<b>SUBJECT:</b> Preplanned and Emergency Impairment of Fire Pump	<b>EFFECTIVE DATE:</b> April 15, 2021
<b>REFERENCES:</b> International Fire Code with Phoenix Amendments (2018 Edition) Section(s) 901.7.4 – 901.7.6	<b>REVIEW DATE:</b> December 2024
<b>APPROVED:</b>	
 John Mertens, Fire Marshal	

**Scope:**

Identify temporary fire pump requirements and accompanying submittal document requirements for when a fire pump becomes impaired. When a temporary pump is not a properly listed for fire or cannot be monitored for all appropriate pump signals, then an Appeal to the Fire Marshal and fire watch for the duration of the temporary pump installation is required in accordance with the following guidelines.

**Code:**

**901.7.4 Preplanned Impairment**

Preplanned impairments shall be authorized by the impairment coordinator. Before authorization is given, a designated individual shall be responsible for verifying that all of the following procedures have been implemented:

1. The extent and expected duration of the impairment have been determined.
2. The areas or buildings involved have been inspected and the increased risks determined.
3. Recommendations have been submitted to management or the building owner/manager.
4. The Phoenix Fire Department at 602-495-5555 has been notified.
5. The insurance carrier, the alarm company, the building owner/manager and other authorities having jurisdiction have been notified.
6. Occupants in the areas to be affected have been notified.
7. A tag impairment system has been implemented.
8. Necessary tools and materials have been assembled on the impairment site.



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### **901.7.5 Emergency Impairments**

Where unplanned impairments occur, appropriate emergency action shall be taken to minimize potential injury and damage. The impairment coordinator shall implement the steps outlined in Section 901.7.4.

\*\*\*The use of a temporary fire pump shall only be granted in an emergency situation where the sprinkler and/or standpipe system is impaired and prior Fire Marshal approval is granted by way of an Appeal to the Fire Marshal. \*\*\*

### **901.7.6 Restoring systems to service.**

Where impairment equipment is restored to normal working order, the coordinator shall verify that all of the following procedures have been implemented:

1. Necessary inspections and tests have been conducted to verify that affected systems are operational.
2. Occupants in the areas affected have been advised that protection is restored.
3. The Phoenix Fire Department Alarm Room 602-495- 5555 has been advised that protection is restored.
4. The building owner/manager, insurance carrier, alarm company and other involved parties have been advised that protection is restored.
5. The impairment tag has been removed.

### **Submittal Requirements:**

The following outlines the required submittal documentation necessary for the temporary fire pump and the Appeal to the Fire Marshal.

### **Required Items:**

1. Emergency temporary fire pump permit. (F317)
2. Formal appeal application submittal with documentation. (FPAP)

### **1. EMERGENCY TEMPORARY FIRE PUMP PERMIT**

The following information is required to be on a signed letter from the owner:

- The manufacture specifications (spec sheets) and pump curve of proposed temporary fire pump.
- The manufacture specifications (spec sheets) and pump curve for existing permanent fire pump.



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- Fire watch shall be provided in accordance with Section 115 of the 2018 Phoenix Fire Code.
- Provide a detailed scope of work to include the reason the temporary fire pump is required.

**Note:** An acceptance test date and time shall be confirmed with a City of Phoenix Fire Prevention Fire Protection Engineer prior to processing permit approval.

### 2. APPEAL

An appeal shall be **applied for within two business days** from the date when the temporary fire pump permit is issued.

#### Required Items:

Two sets of scaled site plans shall be provided and shall include the following information.

- Include the following on the plans, identification and location of the following:
  1. Building site map
  2. Existing permanent fire pump location
  3. Proposed location of temporary fire pump location
  4. Fire line location(s) including size.
  5. Fire sprinkler riser(s) information including system capabilities for the most hydraulically demanding system. (Standpipe, Fire Sprinkler System, or Fire Flow)
  6. Isolation valves for fire line and fire sprinkler system.
- The manufacture specifications (spec sheets) and pump curve of proposed temporary fire pump.
- The manufacture specifications (spec sheets) and pump curve for existing permanent fire pump.

#### Owners letter shall include the following:

1. Provide a detailed scope of work to include the reason the temporary fire pump is required.
2. Outline of fire watch procedures including details for whom is performing fire watch and the scope of the fire watch for the site.
3. Provide a timeline for plan submittal to the city including turnover dates for the temporary fire pump and permanent fire pump.



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4. Identify temporary fire pump testing requirement to include weekly run testing for 30 minutes in addition to being visually inspected to verify fuel level are maintained above 2/3 capacity.
5. A 3-foot minimum area shall be maintained around the temporary fire pump and kept clear of combustibles and vegetation.

**Note:** Additional information may be requested by the *fire code official*.