



FIRE PREVENTION & PUBLIC SAFETY BUREAU

REQUIREMENT #73: TEMPORARY FIRE PUMPS IN OCCUPIED BUILDINGS

Purpose: To standardize required actions to allow continued occupancy of a building when a major fire pump component serving a required sprinkler system is out of service. Major components include, but may not be limited to;

- Main fire water service to a building
- Fire pumps and/or controllers
- Water storage tank serving as the only supply for the fire pump system.
- Inoperative system pressure reducing valves.

Scope: Applies to all occupied buildings that are regulated by the City of Los Angeles.

Authority: Los Angeles Fire Code sections 901.6 and 901.7

General:

1. A privately owned pumper truck or temporary fire pump listed for fire service shall be provided when a required fire pump system is out of service if it is possible to provide system pressure into the system.
2. Temporary pump system is not required if the building has an operational redundant fire pump.
3. Temporary pump system is not required if the building fire pump system takes suction directly from a full water storage tank if the main fire service to the building has been disrupted.
4. Temporary pump system is intended to provide required volume and pressure for the fire sprinkler system. LAFD resources will provide standpipe requirements in the event of an actual emergency.
5. If the system condition is such that a temporary pump system would not be able to pump into the system, LAFD management shall make the decision if the building is to be vacated.



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Requirements:

1. Building shall be placed on Fire Watch. At a minimum one person shall remain at the fire alarm control panel or approved remote annunciator to contact the temporary pump operator to supply system pressure into the building upon fire alarm activation. Approved communication is required.
2. Where possible, water shall be maintained in the sprinkler piping.
3. Temporary pump systems shall be connected to an approved water source. Los Angeles Department of Water and Power (DWP) does not allow connection to potable water systems or access into domestic water vaults for buildings. A check valve assembly purchased from DWP shall be utilized for hydrant connections. The assembly has a DWP stamp on the body of the check valve. DWP can be contacted at (213) 367-2130 for information in regard to purchasing the check valve assembly. The responsible LAFD inspector shall place an approved tag, available at Fire Development Services Unit, on the check valve assembly once installed on the approved water source. The inspector shall seal a business card on the rear of the tag behind the clear adhesive cover. A new tag shall be placed on the check valve assembly for each new temporary pump connection. See attached photo on page 4.
4. The temporary pump system shall be connected to the Fire Department Connection (FDC) per direction from the responsible LAFD inspector. At least 50% of the FDC connection inlets shall remain available for LAFD emergency use. Occasionally, an approved improvised FDC may need to be provided.
5. A roof flow provided by the temporary pump system to meet the fire sprinkler requirements shall be witnessed by the responsible LAFD inspector as soon as possible after connections are made.
6. Los Angeles Department of Transportation (LADOT) shall be contacted by the temporary pump operator to inquire if a permit is required to park on the street during high traffic hours. LADOT can be contacted at (213) 847-6000.



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7. Responsible LAFD inspector shall issue violations addressing at a minimum:

- Fire Watch requirements
- Repair requirements for fire water system. Statement shall be included that plan check, permits, and/or testing may be required by LAFD/LADBS for repairs, depending on extent of repairs needed.

Notifications:

- FPB district inspector and FPB Development Services Unit.
- Local fire station and Battalion office.
- Metro fire dispatch to input temporary comments describing situation.
- LADBS Sprinkler Division



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DWP approved check valve assembly for hydrant connection

