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*Public Service with integrity*

### **Permit and Inspection Requirements for Existing Fire Suppression System Repairs**

To maintain and service fire protection equipment, it may be necessary to perform repairs requiring permits and inspections. Many of these repairs must be made immediately to prevent excessive downtime of the system. Where an emergency exists, work may commence prior to obtaining a fire protection permit; however, the owner or installing contractor must immediately notify the Union County Building Department and make application for permit. All work performed must be by a licensed fire protection company.

Fire protection alterations considered repair/replacement work, listed below, will require a fire protection permit and inspection. All work appearing on this list will not require the submittal of plans but will require a detailed list of the repair with supporting documents and specific location of work.

- Replacement of any control valve.
- Complete replacement of the riser check valves.
- Complete replacement of the dry, deluge or PA valve.
- Replacement of 20 or less sprinkler heads with dissimilar characteristics (different type of sprinkler head).
- Complete replacement of pressure reducing valve.
- Complete replacement of backflow preventors.
- Replacement of clean agent, gas, or foam concentrate. A signed document from a design professional identifying the type and weight of the extinguishing agent must be provided.
- Fire hose valve replacement.
- Replacement of fire department connection.

Repair or maintenance work to a suppression system not requiring a permit are as follows:

- Drains or drain valves.
- Gauges.
- Air compressor.
- Like for like replacement of up to 20 sprinkler heads.
- 50 feet section of pipe or less being replaced without sprinklers on it.
- Fire pump rebuild.
- Like for like electrical parts in fire pump controllers.
- Water gong not part of a fire alarm device.
- Hanger assemblies.
- Antifreeze solution replacement.
- Speed drain installation.
- Replace leaking dry pendent head.
- Fire department connection cap replacement.
- Clear drain blockage.
- Replace leaking rack nipple.
- Remove fire hose pin rack.
- Replacement of fire pump controller (\*see conditions).

An alteration to an electrical fire pump motor will require an electrical permit from the Union County Building Department.

An alteration to a diesel fire pump or alterations to underground pipe fittings outside the building will only require an inspection by the local Fire Department.

The fire protection contractor must complete an NFPA 13 "Inspection and Test" or "Record of Completion" form upon completion of the alteration. A copy must be provided to the owner and available for examination by any authority having jurisdiction.

All impairments to a fire protection system must be reported to the local Fire Department as soon as the impairment is found.

All work not listed in this document will require full submittal of fire protection system drawings and documents with applicable fees as listed in the fee schedule.

\*A licensed electrical company shall obtain an electric permit and a registered fire suppression company shall meet the follow (2) conditions:

1. Provide verification the replacement controller is UL listed and is compatible with the existing fire pump installation, and verify the system will be returned to normal operation upon completion (submit with electric permit application).
2. Contact the local Fire Department for approval of an impairment plan and to obtain inspection of the completed installation.

March 6, 2023