



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit Submittal Guideline

NFPA 20- FIRE PUMP

This guide is to assist in the permitting process for Fire Pumps. A permit is required for the installation of new Fire Pumps per section 105.6.8 of the 2024 International Fire Code (IFC).

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *Standard for the Installation of Stationary Pumps for Fire Protection*, NFPA 20, 2022 edition
- *Standard for the Installation of Sprinkler Systems*, NFPA 13, 2022 edition
- *International Fire Code*, 2024 edition (IFC)
- *Clark County Fire Code Amendments*, 2024 edition (CCFC)

Fire Pumps shall be installed in accordance with Section 913 of the 2024 IFC as amended by the CCFC. Design shall be in accordance with the 2022 edition of NFPA 20.

SUBMITTAL REQUIREMENTS:

The requirements listed in this guide are not intended to be all inclusive, nor do they entail a limit to the extent of the information, etc., which may be necessary to properly evaluate the submitted plans and documents. Not all items may apply to your project.

1. **PLANS:** To be designed to an indicated architectural scale and sized 30 x 42 inches saved to a .PDF file. Plans shall include all information applicable to project per NFPA 20 2022 edition section 4.2.3.2.
2. **MATERIAL DATA:** Provide manufacturer's specification sheets for all components.
3. **SUPPORT DOCUMENTATION:** Provide documents that support the design. These would include the approved civil engineering plans, approved Fire Protection Report (FPR)/Alternative Material and Method Report (AMMR), structural approval letter, originally approved plans, flow test results, fire pump curves/acceptance test and existing component specification sheets that affect system performance such as pressure reducing valves or backflow preventers.
4. **Plans to be REVIEWED AND SIGNED** by a NICET Level 2 Designer in Water-Based Fire Protection Systems or a Nevada registered Professional Engineer working in their area of expertise per section 901.2.2. of the CFCC. **Submittals shall include the designer's name, certification number and signature, the licensee's name, contractor's number, NSF number, and signature.**