

FPCG: NFPA 1142 Tank Design Checklist

Instructions: Please complete this form in its entirety and provide the information requested in the “Provide the Following” section of the form. The information requested herein will be utilized by FPCG in the development of a fee proposal. If requested information/documents are not available, please advise, as this may impact scope and fee associated with the requested services.

Owner/Tenant Description

- Name of tenant: _____
- Contact name for subject tenant: _____
- Contact phone number: _____

Building Description (provide separate sheet if needed to describe all proposed buildings)

- How many buildings are proposed? _____
- Building Address: _____
- What is the proposed use of building(s)? _____
- What is the construction type of the building (e.g. steel, concrete, wood frame, etc.): _____
- Total building area: _____
- Height of the building (eave and peak): _____
- Are there buildings or structures or lot lines within 50 feet of the building?: _____

Tank Basis of Design (provide separate sheet if needed to describe all proposed buildings)

- Has a tank manufacturer been selected? If so, which? _____
- How is the tank to be re-filled (check all that apply)? City Well Rainwater Manually Other
- If city or well supply, what is the flow rate capability of the supply? _____
- Will the tank shell be within 150' of all exterior portions of the building? _____
- Will the tank supply a fire pump? _____
- Will the tank supply a building fire sprinkler system? _____

FPE Services Checklist

Please check the correct box for the following services that we offer associated with fire water storage tanks:

- Tank sizing calculations and report/narrative: Yes No NA
- Tank siting and hose lay evaluation: Yes No NA
- Tank design drawings, narrative, and connection details: Yes No NA
- Construction phase site visits to confirm installation and testing: Yes No NA
- Fire pump design: Yes No NA
- Fire sprinkler system design: Yes No NA

Additional required information to complete FPE Services

- To-scale site plan showing all new and existing building(s), lot lines, fire lanes (CAD files preferred) and grading plans
- Building floor plans and elevations
- Current Tank manufacturer drawings/products data (if applicable)