



Checklist for a Fire Sprinkler Submittal

To qualify for a fire sprinkler release, an applicant must provide a complete fire sprinkler application, fees and submittal of plans and supporting information demonstrating compliance with all applicable building laws and fire safety laws, including the information listed below, as applicable. For a PDF copy of the current edition of the application form, visit <http://www.in.gov/dhs/3552.htm> and click on “Fire Suppression System - Application” from the alphabetized list of applications, forms and permits.

- Indiana registration (license) number of the registered design professional who designed the system, or if not designed by a registered design professional, a copy of the designer’s valid NICET certification card;

- Sprinkler drawings, to scale, including the following:
 - Name and address of the design/installation contractor;
 - Name and address of project
 - Plan drawings, one per floor, with:
 - Locations of sprinkler heads, walls, partitions, rated assemblies, occupancy class of each area or room;
 - Hydraulic reference points that correspond with respective reference points on the hydraulic calculation sheets;
 - Kind and location of alarm bells;
 - Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles and related equipment;
 - Where the equipment is to be installed as an addition to an existing system, indicate enough of the existing system to make all conditions clear;
 - Size, location and piping arrangement of fire department connections;
 - Size and location of hydrants, showing size and quantity of outlets, and if outlets are to be equipped with independent gate valves;
 - Full height cross section or schematic diagram, including structural pipe information if required for clarity and including ceiling construction and method of protection for nonmetallic piping;

- Nominal pipe size, pipe type and schedule of wall thickness;
 - Type and location of hangers, sleeves, braces and methods of securing sprinklers when applicable;
- Make, type, model, quantity and nominal K-factor of sprinklers, including sprinkler identification number;
- Water supply information, including:
 - Static pressure, psi (bar);
 - Residual pressure, psi (bar);
 - Flow, gpm (L/min);
 - Date (test must be conducted no more than 12 months prior to date of submittal);
 - Other sources of water supply, with pressure or elevation;
- Hydraulic reports, either computer-generated or non-computer generated, including:
 - Summary sheet, containing:
 - Project name and date;
 - Project address;
 - Occupancy or commodity classification;
 - System design requirements;
 - Total water requirements as calculated, including allowance for inside hose, outside hydrants, water curtain and exposure sprinklers, and allowance for in-rack sprinklers, gpm (L/min);
 - Type of system;
 - Water supply information, including date of test;
 - Name and address of designer and installing contractor;

- Graph sheet, including:
 - Water supply curve;
 - Sprinkler system demand;
 - Hose demand (where applicable);
 - In-rack sprinkler demand (where applicable);
 - Additional pressures supplied by fire pump or other source (where applicable).