

Fire Alarm Systems

This guideline has been prepared to assist those responsible for the Design, Installation, Maintenance, and Testing & Inspection of Fire Alarm Systems comply with 2010 Edition of NFPA 72; 2014 Indiana Fire Code (IFC) Chapter 9, Section 907; and the 2014 Indiana Building Code (IBC) Chapter 9, Section 907. The information contained in this document is intended to promote code compliance and to assist Building Owners, Fire Alarm Contractors and Installers, with a general understanding of the fire inspection process from building permit to obtaining Certificate of Occupancy.

Fire Alarm Plan Review Checklist (PLAN SUBMITTAL REQUIREMENTS)

This checklist may be completed and submitted with an electronic copy and one (1) set of hard copied fire alarm drawings, system calculations, complete manufacturer's "cut sheets" for all fire alarm components, including detectors, notification devices, etc. Failure to supply all the required information will delay the review of your fire alarm application.

Please note that this checklist is not intended to be a "comprehensive" list, and there may be code deficiencies found during plan review that fall outside of the scope of this document, that must be corrected to meet all code requirements. LFD Plan Reviewer's will document specific items in question in a letter to be sent to the applicant.

Pre-Acceptance Inspection Checklist (completed prior to FIELD INSPECTION)

The fire alarm system shall be pre-tested by the building owner or authorized fire alarm contractor/installer prior to scheduling a Lafayette Fire Department inspection and final acceptance test to determine that the systems are properly installed and function in accordance with the accepted plans, relevant code sections and standards, and the manufacturer's installation and maintenance manuals. The Pre-Acceptance Test Sheet can be used as a guide and submitted to the Lafayette Fire Department prior to scheduling the actual field inspection and final acceptance inspection.

Testing during the Lafayette Fire Department inspection may require all associated trades to be present. It is strongly suggested that communication with the fire protection contractor, sprinkler contractor, mechanical contractor and any other relevant parties (i.e., elevator installer, etc.) take place to avoid project delays and possible re-inspection fees. Please see the **Fire Alarm System Pre-Acceptance Inspection Checklist** form for Final Inspection items that will be verified at the Final Inspection.