

# Automatic Sprinkler Systems

These documents have been prepared by the Evansville Fire Department (“EFD”) to assist those responsible for ensuring that the design, installation, maintenance, testing, and inspection of Automatic Sprinkler Systems comply with Indiana’s amendments to the 2010 Edition of the National Fire Protection Association (NFPA) 13 & 13R, the 2011 Edition of NFPA 25, the 2012 Indiana Fire Code (IFC) Chapter 9, Section 903, and the 2014 Indiana Building Code (IBC) Chapter 9, Section 903. The information contained in these documents is intended to promote code compliance and to assist building owners, fire sprinkler contractors, and fire sprinkler installers with a general understanding of the fire inspection process before obtaining EFD approval for a Certificate of Occupancy.

## **Sprinkler Plan Review Worksheet (PLAN SUBMISSION REQUIREMENTS)**

This worksheet must be completed entirely and submitted with an electronic copy and one (1) hard copy set of the following: sprinkler drawings, hydraulic calculations, and complete manufacturer’s “cut sheets” for all sprinkler components, including piping, sprinkler heads, etc. Failure to supply all the required information will delay the review of the plans.

**THIS WORKSHEET IS NOT INTENDED TO BE A COMPREHENSIVE LIST OF REQUIREMENTS TO OBTAIN A CERTIFICATE OF OCCUPANCY AND SHALL NOT BE CONSTRUED AS SUCH. CODE DEFICIENCIES MAY BE FOUND DURING PLAN REVIEW THAT ARE OUTSIDE THE SCOPE OF THESE DOCUMENTS, WHICH REQUIRE CORRECTION TO COMPLY WITH ALL CODE REQUIREMENTS. APPLICANTS ARE RESPONSIBLE FOR FULLY APRISING THEMSELVES REQUIREMENTS IN THE FOLLOWING: 2010 EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72, THE 2012 INDIANA FIRE CODE (IFC) CHAPTER 9, SECTION 907, AND THE 2014 INDIANA BUILDING CODE (IBC) CHAPTER 9, SECTION 907. EFD MAKES NO GUARANTY, REPRESENTATION, OR WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF ANY INFORMATION IN THESE DOCUMENTS. IN MAKING THESE DOCUMENTS AVAILABLE, EFD IS NOT UNDERTAKING TO RENDER PROFESSIONAL OR OTHER SERVICES. EFD PLAN REVIEWERS WILL DOCUMENT SPECIFIC QUESTIONED ITEMS IN A LETTER TO BE SENT TO THE APPLICANT.**

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

The fire suppression system shall be pre-tested by the building owner or authorized sprinkler contractor/installer prior to scheduling an EFD 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 Inspection Checklist must be completed and submitted to the EFD at least forty-eight (48) hours prior to scheduling the actual field inspection and final acceptance inspection.

Testing during the EFD inspection may require all associated trades to be present. It is strongly suggested that communication with the fire protection contractor, fire alarm contractor, mechanical contractor, and any other relevant party (*i.e.*, elevator installer, etc.) takes place to avoid project delays and possible re-inspection fees. Please see the **Sprinkler Systems Pre-Acceptance Inspection Checklist** form for items that require verification prior to scheduling the final inspection.