

HQ: 5555 W Park Ave., St. Louis, MO 63110  
Wisconsin: 5018 Voges Rd., Madison, WI 53718  
Southern Illinois: Highland, IL



**Job Title:** Fire Sprinkler Design Layout Technician Trainee

**Location:**

5555 W. Park Ave., St. Louis, MO 63110  
5018 Voges Rd., Madison, WI 53718  
Southern IL

**Company Overview**

Boyer Fire Protection is a leading fire protection contractor dedicated to protecting lives and property through high-quality sprinkler system design, installation, and service. We are seeking a motivated Design Technician Trainee to join our team and begin building a career in fire protection system design while learning from experienced designers and industry professionals.

**Position Overview**

Design Technician Trainee reports directly to the V.P. of Design / Design Manager and is responsible for learning how to create Design Documents of Fire Sprinkler Systems (including submittal and installation drawings, hydraulic calculations, seismic calculations, and stock list of materials) utilizing the appropriate software.

**Key Responsibilities**

- Learn to design and draft Fire Protection Systems in accordance with all applicable building codes and NFPA standards within the scope of the contract, while conforming piping arrangements to meet standard product or material usage as well as the most efficient installation, fabrication, and stock listing techniques.
- Learn the basics of hydraulic calculations and seismic calculations.
- Represent Boyer in matters of project coordination, scheduling, change requests, and technical assistance.
- Help with obtaining necessary approvals and review of project design data & maintain organized records of active projects in which involved.
- Prepare smaller stocklists to obtain material and fabrication quotes & learn how to stocklist larger projects.
- Participate in turnover meetings, share information, and assist with any follow-up with the customer as requested.
- Learn to assist in managing the projects with Project Managers and Construction Superintendent.
- Learn to assemble for the Project Manager, material, labor, fabrication, design, and any other costs required in a scope revision (change order).
- Prepare proper electronic correspondence (coordination, transmittals, confirmation e-mails, etc) & other duties as required.



Missouri: (314) 241-9944 | Illinois: (618) 222-1500 | Wisconsin: (608) 424-8420

[www.boyerfire.com](http://www.boyerfire.com)

## Qualifications

- Minimum High School Diploma or Associate Degree in Construction, Structure, Mechanical, Architectural, or Fire Protection
- Ability to physically perform jobsite surveys (involves ladders, heights, construction conditions, etc.)
- Ability to stay focused while learning a lot of technical information
- Some experience with AutoCAD / HydraCAD, AutoSPRINK, or Revit / HydraCAD software will be helpful
- Some experience or knowledge of Construction
- Strong problem-solving, organizational, communication skills, high level of self-discipline, motivation, and teamwork

## How to Apply

Interested candidates should send their resume and cover letter to [hr@boyerfire.com](mailto:hr@boyerfire.com) or fill out the form [here](#).

*Boyer Fire Protection is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.*

## Benefits

Health Insurance, HSAs and FSAs, Dental & Vision Insurance, Life Insurance, 401(k) with Company Match, Profit Sharing, Paid Time Off (PTO), Professional Development, Referral Program, and more.

