Water-Based Systems Layout

Water-Based Systems Layout is aimed at engineering technicians whose work addresses the layout and detailing of water-based fire protection systems within the constraints of stringent code and statutory requirements.

Broadly, certifications cover such areas as plan and submittal preparation, application of various types of water-based systems, equipment selection and application, and technical management of layout projects. Technical areas include types of water-based systems and their components; water supply requirements; hydraulics; building features, hazards, and occupancy considerations; system installation, inspection, and maintenance requirements; codes and standards, and contract administration. Two exams are required for Level III certification: General Plan Preparation and Hydraulics and Water Supply Planning.

Level III – A minimum of five years of relevant experience and a personal recommendation. For layout certification, technicians must be able to work independently with standards, plans, and specifications to produce complete plans for standard systems. For inspection and testing certification, technicians must be able to work independently to perform complete system inspection and testing jobs, and supervise other technicians.

Water-Based Systems Layout	Inspection and Testing of Water-Based Systems
Alabama	GSA Contractor (Word download)
Alaska	Alaska
Arizona	Arizona
Arkansas	Delaware
Colorado (PDF download)	Florida
Connecticut	Georgia
Delaware	Iowa
Georgia	Kansas

Idaho	Maryland
Illinois	New Jersey
Indiana (PDF download)	Ohio
Iowa	South Carolina
Kentucky	South Dakota
Louisiana	Texas
Maine	Utah
Maryland	Washington
Minnesota	
Nebraska	
New Hampshire	
North Carolina #1 North Carolina #2	
Ohio	
Pennsylvania	
South Carolina	
South Dakota	
Tennessee	
Texas	
Vermont	
Washington	
West Virginia	
Wisconsin	