



**FIRE PROTECTION BUREAU
SPRINKLER LICENSING PROGRAM
PO Box 42600
Olympia WA 98504-2600
(360) 596-3914 FAX: (360) 596-3934**



CERTIFICATION REQUIREMENTS FOR AN INSPECTION AND TESTING TECHNICIAN

To qualify under WAC 212-80-175 (1) as an Inspection and Testing Technician, the applicant will need to submit to this office proof of possessing certification through the National Institute for Certification of Engineering Technologies [NICET] of level 2 in Inspection and Testing of Water-Based Fire Protection Sprinkler Systems.

In order to become a state certified Inspection and Testing Technician under WAC 212-80-175(2), the individual must successfully pass the following 32 elements from NICET in Inspection and Testing of Water-Based Fire Protection Sprinkler Systems:

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| 41001 – Inspection Procedures | 43001 – Sprinkler Obstructions |
| 41002 – NFPA Standard Definitions | 43002 – Wet Pipe Systems |
| 41003 – Basic Components | 43003 – Dry Pipe Systems |
| 41004 – Basic Metric Units | 43004 – Testing of General Systems |
| 41005 – System Appurtenances | 43005 – General Purpose Valves Inspection |
| 41006 – Role of the Inspector | 43006 – Water Supply Requirements |
| 41007 – On-Site Insp. and Testing | 43007 – Insp. of General System Comp. |
| 41008 – General System Terms | 43008 – Impairment Procedures |
| 41009 – Inspector’s Safety Concerns | 43009 – Inspection Preparation |
| 41013 – Fire Prot. Design Symbols | 43011 – Stand Pipe and Hose Systems Insp. and Testing |
| 41015 – Standpipe & Hose Systems | 43012 – No Flow Trip Tests |
| 41016 – Classification of Occupancies | 43015 – Local Alarm Devices Inspection |
| 41017 – Field Identification of Sprinklers | 43016 – Supervisory Alarm Devices Insp. |
| 41018 – Authorities Having Jurisdictions | 44001 – Residential System Inspection |
| 42001 – Contracts and Forms | 44012 – Pre-Action and Deluge Systems |
| 42004 – Private Fire Service Main System Components | 44013 – Full Flow Test of Dry Pipe Systems |

Either means will qualify an individual for state certification as an Inspection and Testing Technician, allowing the individual to perform inspection and testing work on water-based fire protection sprinkler systems.

This work excludes systems such as pre-action, deluge, foam, or fire pump and maintenance of any type of sprinkler system. Such work can only be performed by contracting companies who are also licensed and certified to design and install that type of system.

For more information on this program, please contact Deputy State Fire Marshal Karen Jones at (360) 596-3916.