



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards



Water-Based Inspection, Testing, and Maintenance (WBITM) Certification

Supervisor Attestation of Job Knowledge, Skills, and Abilities

Purpose: This document is to be completed by the WBITM applicant’s supervisor to attest that they have first-hand knowledge of the applicant’s job performance, knowledge, skills, and abilities regarding the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.

Applicant Name: _____ Email: _____

SUPERVISOR AND EMPLOYER INFORMATION:

Supervisor Name: _____

Supervisor Title: _____ Field of Expertise: _____

Company Name: _____

Company Address: _____

City: _____ State: _____ Country: _____ Postal/Zip Code: _____

Business Phone: _____ Email: _____

Note Regarding Self-employed Personnel: If you have no direct supervisor, please contact the NFPA Admin & Support Services by emailing us at adminsucs@nfpa.org. The certification administrators will work with you to gather the proper acceptable documentation.

SUPERVISOR ATTESTATION:

I, _____, do hereby attest that I have first-hand knowledge of the above-named applicant’s knowledge, skills, and abilities with regards to the inspection, testing, and maintenance of water-based fire protection systems.

As such, I can verify that the applicant has a minimum of five years of work experience with a full spectrum of inspection, testing, and maintenance tasks on water-based fire protection systems and has demonstrated knowledge and proficiency in the topics covered by the WBITM Exam Content Outline below. This includes inspection, testing, maintenance, troubleshooting, and impairment identification and reporting. Furthermore, the applicant has demonstrated the professionalism and technical ability to perform such functions independently without direct supervision.

I agree that NFPA may contact me to verify this attestation.

Signature: _____ Date: _____

Electronic Signature agreement: In lieu of signature, you agree that typing your name on the line above is the legal equivalent of your manual signature on this application.



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards

WBITM EXAM CONTENT OUTLINE (Blueprint)

- I. Inspection of Water-Based Systems**
 - A. Components (E.G. Function and Appearance)
 - 1. Sprinklers Systems
 - 2. Standpipe and Hose Systems
 - 3. Private Fire Service Mains
 - 4. Fire Pumps and Fire Pump Systems
 - 5. Water Storage Tanks
 - 6. Water Spray Fixed Systems
 - 7. Foam-Water Sprinkler Systems
 - 8. Water-Mist Systems
 - B. Inspection Requirements (E.G. Frequencies, And Methods)
 - C. Improper Conditions and Damage
 - D. Interpreting Gauges and Indicators
 - E. Identification of Internal Obstructions and Foreign Materials
 - F. Proper Signage
 - G. Unique Considerations for Freezers, Cold Storage Areas, And Other Special Environments

- II. Testing of Water-Based Systems**
 - A. Testing Requirements (E.G. Frequencies, Et Al)
 - B. Testing Common Components and Valves
 - C. Identification of Internal Obstructions and Foreign Materials, And Their Sources
 - D. Sprinkler System Components & Function
 - E. Standpipe and Hose Systems
 - F. Private Fire Service Mains
 - G. Fire Pump Components & Functioning
 - H. Water Storage Tanks
 - I. Water Spray Fixed Systems
 - J. Foam-Water Sprinkler System
 - K. Water-Mist Systems Components

- III. Maintenance of Water-Based Systems**
 - A. Minimum Maintenance Requirements and Frequencies (As Indicated by NFPA Standards, Manufacturers, and/or AHJs)
 - B. Maintenance Actions Required as a Result of Testing (e.g. Adjust, Recondition, Repair, or Replace Components, as Required) to Keep Equipment Operable
 - C. Retesting Systems Upon Completion of Maintenance



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards

IV. Documentation

- A. Evaluation, Recording and Reporting of Results and Deficiencies
- B. Communication of Results to Occupant/Owner
- C. Recommendation of Needed Corrective Actions

V. Safety

- A. Recognition of Potentially Hazardous Conditions and Equipment
- B. Safety Protocols and Procedures
 - 1. Lock Out/Tag Out
 - 2. Confined Space Entry
 - 3. Fall Protection
 - 4. Personal Protective Equipment
 - 5. Site-Specific or Other Safety Considerations

VI. Work Management

- A. Scope and Purpose of Work
- B. Specialized Tools and Equipment
- C. Planning Inspection and Testing Tasks
- D. Supervising Inspection and Testing Personnel and Jobs
- E. Identifying Records
- F. Owner's Responsibilities, Pre- and Post-Inspection

