



ISO 9001:2015 Certified

## Candidate Information

### Fire Smoke Damper Technician

#### Scope of this Certification

The Washington State Fire & Smoke Damper Examination Certification is intended to ensure that individuals performing inspection, testing, and documentation of fire dampers, smoke dampers, and combination fire/smoke dampers are qualified and knowledgeable in accordance with Washington State law and nationally recognized codes and standards.

This certification verifies a candidate's ability to:

- Interpret applicable codes and standards
- Conduct damper inspections and testing procedures
- Identify unsafe conditions and deficiencies
- Properly document inspection/test results
- Communicate findings to building owners, AHJs, and facility personnel

#### EXAMINATION QUALIFICATION REQUIREMENTS

To qualify for examination, candidates must provide proof of:

Minimum Work Experience Requirement

- 2,000 hours of documented field experience related to fire damper, smoke damper, or combination damper inspection/testing, HVAC systems, fire protection systems, mechanical inspection, or related work.
- Or second year apprenticeship program.

Experience must be verifiable through employer documentation, project logs, or other approved evidence.

*\*Proof of eligibility must be submitted at time of application.*

#### ABOUT THE EXAMINATION

This certification program is based on requirements and inspection/testing expectations contained in the following:

- **Washington State HB 2701** (*Fire Protection System Inspection and Testing Requirements*)
- **National Standards and Codes**
- **NFPA 80** – Standard for Fire Doors and Other Opening Protectives
- **NFPA 90A** – Standard for the Installation of Air-Conditioning and Ventilating Systems
- **NFPA 105** – Standard for Smoke Door Assemblies and Other Opening Protectives
- **International Mechanical Code (IMC)** – Current adopted edition as enforced in Washington State
- Candidates are responsible for ensuring they are using the **currently adopted editions** recognized by Washington State and the Authority Having Jurisdiction (AHJ).

- Description: Open book exam consisting of 50 multiple choice questions
- Passing grade: 76% (38 correct)
- Total time allowed: 2 hours

Domain	% of Exam
INTERPRETING TEST RESULTS	10%
INSPECT SMOKE DAMPER	8%
IDENTIFY SAFETY CONCERNS	6%
DOCUMENTING & COMMUNICATING TEST RESULTS	14%
PRE-INSPECTION BEST PRACTICES	8%
KNOWLEDGE OF SOP FIRE, SMOKE, AND COMBINATION DAMPER TESTING	18%
TYPES OF DAMPER TESTING	8%
UNDERSTAND DAMPER FUNCTIONS	6%
PURPOSE OF DAMPERS	4%
IDENTIFY DAMPER COMPONENTS	4%
INTERPRETING CODES & STANDARDS	6%
IDENTIFY TYPES OF DAMPERS	6%
INTERPRET DESIGN LOCATION	2%

## PERMITTED REFERENCES

Candidates may use only published reference materials that are bound, printed, or officially printed-and-bound.

### Primary References

- Washington State **HB 2701**
- **NFPA 80**
- **NFPA 90A**
- **NFPA 105**
- **International Mechanical Code (IMC)**

An NITC-approved proctor administers the multiple-choice examination. Candidates are notified of a pass or fail result in writing by NITC, the training agency, or by the association that requested the examination.

Candidates failing to achieve a passing score will be eligible for re-examination as soon as the next examination is scheduled. Re-examination fees are listed in the [Certification Examination Price List](#).

Candidates who fail the initial exam can re-take it after paying the initial exam fee again.

## Recertification

To maintain certification status, certificants must meet recertification requirements prior to expiration.

### Continuing Education Requirement

- **4 CEU hours** of approved **code update training**

Training must include updates related to:

- NFPA 80
- NFPA 90A
- NFPA 105
- IMC
- Washington State law and amendments

Failure to recertify may require full re-examination.

### Important note about recertification:

*Certification holders are responsible for keeping their certification current. NITC must be notified of any change in address. Changes may be made online, by telephone, or by mail.*

NITC **strongly suggests** sitting for the recertification exam within three months of the expiration date. Be aware that while a “grace period” of up to one year after the date of expiration is extended by NITC, individuals **must** allow for the required 21 days for exam processing before the “grace period expires”. **NO EXCEPTIONS.** The individual whose certification has expired is not certified during the grace period. **EXPIRED MEANS EXPIRED.** Failure to recertify within one year of the certification expiration date will require the individual to take the original examination.

Fees are listed in the [Certification Examination Price List](#).