



# **Fire Prevention Division**

## **Certification Information Packet**

Version January 2025 for 2021 SFC

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**City of Seattle**  
Seattle Fire Department

**Customers Pursuing Seattle Certification for Fire and Life Safety System**

The Seattle Fire Department (SFD) welcomes you to the Certification Section of the Fire Prevention Division. This informational packet is written to help you in obtaining certification to perform work on fire protection and/or life safety systems in the city of Seattle. For those interested in securing first time certification or prior holders of a SFD Certificate, this booklet will help you through the process.

The Seattle Fire Department certifies individuals who install, inspect, test or maintain fire protection and life safety systems per the Seattle Fire Code, Chapter 9, Section 901.4. Adherence to rules and guidelines associated with the Seattle Fire Code and published industry standards is a condition of certification. Your certificate will allow you to perform specific duties that will be listed on your SFD-issued certification card. Please note that Seattle certification is not a substitute for state certification, which may also be required.

Starting with the Table of Contents, this certification packet provides pertinent information including telephone numbers, definitions for each of the certifications, a bibliography listing materials from which the test questions are derived, criteria for the exams, fees, and limitations.

We look forward to working in partnership with you to promote the safety of those who live, work, and visit the city of Seattle.

If you have any questions or need assistance regarding our certification program, please contact the Certification Unit at (206) 386-1351.

Assistant Chief Timothy J. Munnis  
Fire Marshal  
Seattle Fire Department Fire Prevention Division  
220 Third Avenue South  
Seattle, WA 98104-2608

Tel (206) 386-1450  
[www.seattle.gov/fire](http://www.seattle.gov/fire)

## GENERAL CERTIFICATION INFORMATION

This document provides our customers with information on how to obtain a certificate from the Seattle Fire Department to install, inspect, test and maintain fire protection and life safety systems in the city of Seattle.

### Types of Certifications Available

The following categories of certifications are presently available from the Seattle Fire Department.

Test	Description
AS-3(S)	Install, inspect, test, and maintain automatic sprinkler systems (including standpipes), State Level 3
AS-2(S)	Install, inspect, test, and maintain automatic sprinkler systems (including standpipes), State Level 2
AS-ITT(S)	Inspect and test (except “acceptance testing”) water-based fire protection systems, State Level I & T
E-1	Install, inspect, test, and maintain foam and water mist fire extinguishing systems. Must also maintain NAFED engineered fire suppression systems, and AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing piping. <sup>1</sup> (NFPA 11, 750, 2010)
E-2	Install, inspect, test, and maintain carbon dioxide fire extinguishing systems. Must also maintain NAFED engineered fire suppression systems certification. <sup>1</sup> (NFPA 12)
E-3 <sup>2</sup>	Install, inspect, test, and maintain clean agent, halon replacement, engineered wet chemical, and dry chemical fire extinguishing systems, including spray booths. Must also maintain NAFED engineered fire suppression systems, and/or ICC/NAFED pre-engineered industrial fire extinguishing systems. Note: If a water-based fire protection system is used, then the AS-3 certification or AS-2 (supervised by a journey level sprinkler fitter) certification is required with the E-3. <sup>1</sup> (NFPA 17, 17A, and 2001)
E-4 <sup>2</sup>	Install, inspect, test, and maintain pre-engineered kitchen hood suppression systems. Must also maintain the appropriate ICC/NAFED pre-engineered kitchen fire extinguishing systems certification, and an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing fire-water piping. <sup>1</sup> (NFPA 17A and NFPA 96)
EG-1	Install (non-electrical), inspect, test, and maintain emergency generators.
EG-ITM	Inspect, test (except “acceptance testing”), and maintain emergency generators.
FA-1	Install, program, inspect, test, and maintain automatic fire alarm systems in any building. Must also maintain a NICET II certification in fire alarm systems or ESA/NTS equivalent.
FA-ITM	Inspect, test (except “acceptance testing”), and maintain automatic fire alarm systems. Must also maintain a NICET II certification in inspection and testing of fire alarm systems or ESA/NTS equivalent.
FP-1	Install, inspect, test, and maintain fire pumps and controllers. Must also maintain an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing piping.
FP-ITM	Inspect, test (except “acceptance testing”), and maintain fire pumps and controllers.
FEX-1	All activities relating to portable fire extinguishers incl those listed in Types FEX-2, FEX-3, and FEX-4.
FEX-2	Install, inspect, test, maintain, charge, and recharge portable fire extinguishers.
FEX-3	Hydrostatic testing of fire extinguisher cylinders.
FEX-4	Annual external examination of CO2 or stored pressure fire extinguishers equipped with pressure indicators or gauges.
SC-1	Install, inspect, test, and maintain smoke control systems. Must also maintain an ANSI-accredited fire life safety 2 or smoke control technician certification per State requirements in RCW 19.27.720 1(b).
SC-ITM	Inspect, test (except “acceptance testing”), and maintain smoke control systems. Must also maintain an ANSI-accredited fire life safety 2 or smoke control technician certification per RCW 19.27.720 1(b).

STP-ITM	Inspect, test (except “acceptance testing”), and maintain standpipe systems. Must also maintain State Level I & T. Note: installation of standpipes requires an AS-2(S) or AS-3(S) certification as of 2015 for compliance with State law.
<sup>1</sup> NICET Level II or higher in “special hazards supp systems” required in lieu of ICC/NAFED starting 1/1/2025. <sup>2</sup> For scope for E-3 and E-4 issued prior to 2024, contact <a href="mailto:SFD_FMO_Certification@seattle.gov">SFD_FMO_Certification@seattle.gov</a> . Scope is grandfathered in until cards’ expiration date.	

## Applications

To download an application for testing, certification annual renewal, or a replacement card, visit the Certification webpage at [www.seattle.gov/fire/business-services/certification-testing](http://www.seattle.gov/fire/business-services/certification-testing).

Applications are also available to candidates on the scheduled test day.

## Contact Us

If you have questions or need more information, please contact us:

Fire Prevention Division Certification Unit  
Telephone: (206) 386-1444 or (206) 386-1351

*The Seattle Fire Prevention Division is located near Pioneer Square at 220 3<sup>rd</sup> Avenue South on the second floor.*

## Scheduling

To make an appointment, email [SFD\\_FMO\\_Certification@seattle.gov](mailto:SFD_FMO_Certification@seattle.gov) or call the Certification Unit at (206) 386-1444/386-1351. If you receive the recorded message, please follow the instructions. If you wish to receive a confirmation call, please request it in your message. **You may schedule up to two exams per test date.** All Exams are **Closed book**; Re-tests will not be administered on the same day as the original test; a separate appointment must be made. The test site is located at the Fire Prevention Division at 220 3<sup>rd</sup> Ave. S. on the second floor.

## Certification Fees and Payment

Seattle Fire Department Certification Fees	
Testing	\$515 per examination, required once every three years
Renewal	No charge, however, certificates must be renewed annually
Replacement Card	\$70 per card

## Examinations - \$515 per Exam

The cost for each exam is \$515 and may be paid by check (payable to the *City of Seattle*) or online at: [web7.seattle.gov/sfd/permits/](http://web7.seattle.gov/sfd/permits/). The fee is due at or before the time of the exam and applicants who have not paid will not be allowed to take the exam. If the fee is paid in advance, proof of payment must be brought with the applicant to the test. Advance payment must be associated to a specific testing customer and must be used within 60 days. The fee covers the initial test and if needed, one re-test. The re-test must be taken within 90 days of the original test

date. If the re-test is taken after the 90-day period, a new certification exam fee of \$515 will be required.

Once the candidate has successfully passed a certification examination and provided evidence of a current state of Washington certification (if required by state law for that certification type), the individual will be certified by the city of Seattle for one year. The certification may be renewed for two subsequent years at no cost to the card holder. Testing and payment are required every three years.

### **Annual Renewals - No Charge**

Certificates will expire one year from the date of test. Card holders may renew their certification for two additional years at no cost by filling out and submitting the Renewal Application for Fire and Life Safety Certification annually. Certificate holders will need to remain familiar with the current fire code and national standards outlined in the SFD Certification Packet at: [www.seattle.gov/fire/business-services/certification-testing](http://www.seattle.gov/fire/business-services/certification-testing). It is the responsibility of certificate holders to keep their certificate up to date each year. It is a criminal law violation to perform any of the work regulated by Seattle Fire Department Administrative Rule 9.01 without a valid certificate.

### **Replacement Cards - \$70 per Card**

A \$70 fee will be assessed for each lost or stolen certification card that is replaced. The fee can be paid by check (payable to the *City of Seattle*) or, if you wish to use a credit card for a replacement card, please call us at (206) 386-1450 or make payment in person in our office. Due to information that needs to be validated for issuing replacement cards, we are unable to accept online payments for this service.

**Testing Dates and Times** Certification tests are administered as follows:

Every Monday, 1:00 p.m.

Every Tuesday and Wednesday, 7:30 a.m.

Tests are **not administered on City holidays**. Test takers may take two test and have one hour per test to complete the test.

### **Testing Location**

Tests are administered at the Seattle Fire Prevention Division, 220 Third Avenue South, in Seattle near Pioneer Square. The Fire Prevention Division is on the second floor, above the Foster White Art Gallery.

### **Identification**

Applicants must present picture identification at the test site prior to being issued an exam. Applicants who fail to do so will not be permitted to take the scheduled exam.

### **State Certification Requirements**

Please note that a Seattle certification is not a substitute for any certification the state may require. For example, any employee performing inspection and testing on wet and dry pipe fire protection sprinkler systems must also hold a current Washington State Certification of Competency. Any employee performing inspection, testing, maintenance, and programming of fire

alarm systems not defined as “electrical construction trade” must also hold a NICET II certification in either fire alarm systems or inspection and testing of fire alarm systems or hold the ESA/NTS Certified Fire Alarm Technician Level II certificate. Any employee performing installation, inspection, testing, and maintenance on pre-engineered kitchen fire-extinguishing systems, engineered fire suppression systems, and pre-engineered industrial fire-extinguishing systems must also hold the corresponding ICC/NAFED certification.

### **Pre-reading**

Before you acquire study materials and study you should first read Administrative Rule 9.01 of the Seattle Fire Code. Administrative Rule 9.01 of the Seattle Fire Code contains in-depth information on the certification program, including a list of persons and agencies exempted from the program. All Seattle Fire Department Administrative Rules can also be viewed online at: [www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents).

### **General Reference Materials**

The following list provides descriptions of the reference materials from which certification test questions are derived. Information about locating the reference materials is also provided. Specific reference material for each certificate type can be found below in the bibliography section of this packet.

#### **2021 Seattle Fire Code**

This is a locally amended version of Washington State’s amended version of the 2021 International Fire Code. It is available for viewing online at [www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code) (or through links from the Seattle Fire Department web site) and may be purchased at both the Seattle Fire Department and the Seattle Department of Construction and Inspections (SDCI). For hard copies of the Seattle codes, contact [SDCI’s Public Resource Center](#). The 2021 Seattle Fire Code may also be purchased over the counter at the Seattle Fire Prevention Division, 220 3<sup>rd</sup> Avenue South, Floor 2, weekdays from 8 a.m. to 4:30 p.m. The price is \$80. Seattle code books may also be purchased online from the [International Code Council \(ICC\)](#).

#### **2021 Seattle Building Code**

This is a locally amended version of the 2021 International Building Code. It is available for viewing online at: [www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code) and may be purchased from SDCI. For hard copies of the Seattle codes, contact [SDCI’s Public Resource Center](#) at (206) 684-8467, 5<sup>th</sup> Avenue, Floor 20, Seattle.

#### **2023 Seattle Electrical Code**

This is a locally amended version of the 2023 National Electrical Code, published by the National Fire Protection Association ([www.nfpa.org](http://www.nfpa.org) or 1-800-344-3555). To view the National Electrical Code and related Seattle amendments online, see: [www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/electrical-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/electrical-code). For more information on obtaining paper copies of the local amendments, contact SDCI at (206) 684-8467. Copies of the above codes may also be available from local book retailers.

**Seattle Fire Department – Administrative Rules**

SFD Administrative Rules are available on the web at: [www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

**Seattle Fire Department – Client Assistance Memoranda (CAMs)**

SFD CAMs are available on the web at: [www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents) and can also be obtained from the Certification Unit by email or U.S. mail by calling (206) 386-1351.

**Seattle Department of Construction and Inspections – Tips**

SDCI Tips are available on the web at: [web6.seattle.gov/DPD/CAMS/CamList.aspx](http://web6.seattle.gov/DPD/CAMS/CamList.aspx) and at the SDCI Public Resource Center, (206) 684-8467, 700 Fifth Avenue, Floor 20, Seattle.

**Seattle Department of Construction and Inspections – Director’s Rules**

Director’s Rules can be obtained from the Certification Unit by email or U.S. mail by calling (206) 386-1351. Director’s Rules are also available on the web at: <http://web6.seattle.gov/dpd/dirrulesviewer/default.aspx> and from the Department of Construction and Inspections Public Resource Center, (206) 684-8467, 700 5<sup>th</sup> Avenue, Floor 20, Seattle.

**National Fire Protection Association Standards**

NFPA Standards can be viewed online and/or purchased through their website [www.nfpa.org](http://www.nfpa.org), or by calling the NFPA at 1(800) 344-3555. Copies may also be available from local book retailers.

**Links to Other Resources**

The following is a list of web sites where additional information pertaining to fire and life safety issues may be found:

[www.firesprinkler.org/](http://www.firesprinkler.org/)  
[www.nfsa.org](http://www.nfsa.org)  
[www.nfpa.org/](http://www.nfpa.org/)  
[www.nicet.org/](http://www.nicet.org/)  
<https://esaweb.org/>  
[www.fema.gov/](http://www.fema.gov/)  
[www.usfa.fema.gov/](http://www.usfa.fema.gov/)  
[www.affa.org](http://www.affa.org)  
[www.alarm.org/](http://www.alarm.org/)  
[www.ansi.org/](http://www.ansi.org/)  
[www.astm.org/](http://www.astm.org/)  
[www.ashrae.org/](http://www.ashrae.org/)  
[www.wsp.wa.gov/fire-sprinklers/](http://www.wsp.wa.gov/fire-sprinklers/)  
[www.nafed.org/about-nafed-certification.html](http://www.nafed.org/about-nafed-certification.html)  
[www.iccsafe.org/certification-exam-catalog/](http://www.iccsafe.org/certification-exam-catalog/)  
<https://www.nicet.org/certification-programs/>  
<https://esaweb.org/training/certifications/cfat/>



# **Certification Information Packet**

## **Certification Exam Bibliographies**

## AUTOMATIC SPRINKLER SYSTEMS

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**AS-ITT(S)** – Inspection and testing (except “acceptance testing”) of water-based fire protection systems, State Level ITT (Inspection and Testing Technician Certification).

**AS-2(S)** – Installation, inspection, testing, and maintenance of automatic sprinkler systems (including standpipes), State Level 2 (Residential-Level Sprinkler Fitters in Group R residential buildings up to and including four stories – NFPA 13R and 13D).

**AS-3(S)** – Installation, inspection, testing, and maintenance of automatic sprinkler systems (including standpipes), State Level 3 (Journey-Level Sprinkler Fitters in all buildings – NFPA 13, 13R, and 13D).

**WA State Certs** - [www.wsp.wa.gov/fire-sprinklers](http://www.wsp.wa.gov/fire-sprinklers)

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 13(2019), 13R(2019), 25(2020), 72(2019), 307(2021), 750 (2019)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.03, 9.04  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

- 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112
- 2 – Sections: 201, 202
- 9 – Sections: 901, 902, 903, 904, 905
- 90, 91, 92**
- 93** (for AS-ITT(S) and AS-3(S) applicants only)
- 94** – Sections: 9405.2
- Appendix B & I**

- **Seattle Building Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code)

#### Chapters:

- 4 – Sections: 403.3, 403.3.1, 403.3.1.1, 404.3, 407.6, 410.7, 411.4, 901, 902, 903, 904

- **Seattle Fire Fee Ordinance:**  
Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090  
[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**  
Number 127109  
<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## ENGINEERED/PRE-ENGINEERED SYSTEMS

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### **FOAM AND WATER MIST SYSTEMS**

**E-1** – Installation, inspection, testing, and maintenance of foam and water mist fire extinguishing systems. Must maintain a NAFED engineered fire suppression systems certification and an AS-2 or AS-3 certification (Washington State Level 2 or Level 3 certification) if installing piping.

**NOTE: Will require a NICET II in Special Hazard Suppression Systems (effective 7/01/2024).**

**NAFED** - [www.nafed.org/about-nafed-certification.html](http://www.nafed.org/about-nafed-certification.html)

**WA State Certs** - [www.wsp.wa.gov/fire-sprinklers](http://www.wsp.wa.gov/fire-sprinklers)

**NICET** - [www.nicet.org](http://www.nicet.org)

### **REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 11(2016), 16(2019), 25(2020), 750(2019)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.03, 9.04

[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021):**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### **Chapters:**

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

2 – Sections: 201, 202

9 – Sections: 904.1., 904.7, 904.7.1, 904.11, 904.11.3

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

Number 127109

<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

**CARBON DIOXIDE SYSTEMS**

**E-2** – Installation, inspection, testing, and maintenance of carbon dioxide fire extinguishing systems. Must also maintain NAFED engineered fire suppression systems certification.

**NOTE: Will require NICET II in Special Hazard Suppression Systems (effective 7/01/2024).**

**NAFED** - [www.nafed.org/about-nafed-certification.html](http://www.nafed.org/about-nafed-certification.html)

**NICET** - [www.nicet.org](http://www.nicet.org)

**REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 12(2018)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.04  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

**Chapters:**

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

2 – Sections: 201, 202

9 – Sections: 901.4.8, 904.1.1, 904.8

- **Seattle Fire Fee Ordinance:**  
Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090  
[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**  
Number 127109  
<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

**HALON/REPLACEMENT AGENTS SYSTEMS, AND SPRAY BOOTHS**

**E-3** - Installation, inspection, testing, and maintenance of engineered or pre-engineered clean agent, halon replacement, and spray booth fire extinguishing systems. Must also maintain NAFED engineered suppression systems (clean agent) or pre-engineered industrial fire-extinguishing certification (spray booths), and an AS-2 or AS-3 certification (and Washington State Level 2 or Level 3 certification) if installing the piping for water-based fire protection.

**NOTE: Will require NICET II in Special Hazard Suppression Systems (effective 7/01/2024).**

**NAFED** - [www.nafed.org/about-nafed-certification.html](http://www.nafed.org/about-nafed-certification.html)

**WA State Certs** - [www.wsp.wa.gov/fire-sprinklers](http://www.wsp.wa.gov/fire-sprinklers)

**NICET** - [www.nicet.org](http://www.nicet.org)

**REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 12A(2018), 33(2018), 34(2018), 2001(2018)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.03, 9.04  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

**Chapters:**

- 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

- 2 – Sections: 201, 202

- 9 – Sections: 901.4.8, 904.1.1, 904.4, 904.5, 904.6, 904.9, 904.10

- **Seattle Fire Fee Ordinance:**

- Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

- [https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

- Number 127109

- <https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

### **WET/DRY CHEMICAL SYSTEMS**

**E-4** - Installation, inspection, testing, and maintenance of pre-engineered or engineered wet/dry chemical fire extinguishing systems. Must also maintain ICC/NAFED pre-engineered kitchen fire-extinguishing systems or industrial fire extinguishing systems or NAFED engineered fire suppression systems certification and an AS2 or AS3 certification (and Washington State Level 2 or Level 3 certification) if installing the water piping for wet chemical fire extinguishing systems.

**NOTE: All systems listed above (except pre-engineered kitchen fire-extinguishing systems) will require a NICET II certification in Special Hazard Suppression (effective 7/01/2024).**

**NAFED** - [www.nafed.org/about-nafed-certification.html](http://www.nafed.org/about-nafed-certification.html)

**WA State Certs** - [www.wsp.wa.gov/fire-sprinklers](http://www.wsp.wa.gov/fire-sprinklers)

**NICET** - [www.nicet.org](http://www.nicet.org)

### **REFERENCE MATERIAL**

- **National Fire Protection Association Standards:** 17(2021), 17A(2021), 96(2021)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.03, 9.04  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### **Chapters:**

- 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113
- 2 – Sections: 201, 202
- 6 – Section: 606
- 9 – Sections: 901.4.8, 904.1.1, 904.5, 904.6, 904.13

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090  
[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

Number 127109  
<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## EMERGENCY GENERATORS

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**EG-1** – Installation (non-electrical), inspection, testing, and maintenance of emergency generators.

**EG-ITM** – Inspection, testing (except “acceptance testing”), and maintenance of emergency generators.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 70(2020), 110(2019)  
*subject to the changes found in the Seattle Amendments to the National Electrical Code (Seattle Ordinance - 127108)*  
<https://seattle.legistar.com/View.ashx?M=F&ID=13207077&GUID=10A276E4-E9E9-42EB-933C-35B30C3B5CD3>
- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.04  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)
- **Seattle Fire Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)  
**Chapters:**
  - 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113
  - 2 – Sections: 201, 202
  - 12 – Section: 1203
  - 93 – Section: 9307
- **Seattle Building Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code)  
**Chapters:**
  - 27 – Sections: 2702
- **Seattle Electrical Code ( 2023):**  
Articles 700, 701  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/electrical-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/electrical-code)
- **Seattle Fire Fee Ordinance:**  
Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090  
[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)
- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**  
Number 127109  
<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## FIRE ALARM SYSTEMS

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**FA-1** – Installation, programming, inspection, testing, and maintenance of automatic fire alarm systems in any building. Must also maintain a fire alarm systems NICET II certification or ESA/NTS equivalent.

**FA-ITM** – Inspection, testing (except “acceptance testing”), and maintenance of automatic fire alarm systems. Must also maintain an inspection & testing fire alarms NICET II certification or ESA/NTS equivalent.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 72(2019)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.04

[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021)**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

2 – Sections: 201, 202

9 – Sections: 901.4, 901.4.8, 904.1.1, 907, 908

93 – Sections: 9306

#### Appendix I

- **Seattle Building Code: (2021)**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code)

#### Chapter:

9 – Sections: 907, 908

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

Number 127109

<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>



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## FIRE EXTINGUISHERS

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**FEX-1** – All activities relating to portable fire extinguishers including those listed in Types FEX-2, FEX-3, and FEX-4.

**FEX-2** – Installation, inspection, testing, maintenance, charging, and recharging of portable fire extinguishers.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 10(2018)

- **Seattle Fire Code (2021)**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

- 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113
- 2 – Sections: 201, 202
- 9 – Sections: 906
- 20 – Sections: 2005

**FEX-3** – Hydrostatic testing of fire extinguisher cylinders.

- **National Fire Protection Association Standards:** 10(2018)

- **Seattle Fire Code (2021)**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

- 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113
- 2 – Sections: 201, 202
- 9 – Sections: 906
- 20 – Sections: 2005

**FEX-4** – Annual external examination of CO2 or stored pressure fire extinguishers equipped with pressure indicators or gauges.

- **National Fire Protection Association Standards:** 10(2018)

- **Seattle Fire Code (2021)**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

- 1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113
- 2 – Sections: 201, 202
- 9 – Sections: 906
- 20 – Sections: 2005

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

Number 127109

<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## FIRE PUMPS

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**FP-1** – Installation (non-electrical), inspection, testing, and maintenance of fire pumps and controllers. Must also maintain an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing piping.

**FP-ITM** – Inspection, testing, and maintenance of fire pumps and controllers. Must also maintain an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing piping.

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 20(2019), 25(2020)

- **Seattle Fire Department Administrative Rules:** 9.01, 9.02, 9.03, 9.04  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021)**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### **Chapters:**

**1** – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

**2** – Sections: 201, 202

**9** – Sections: 901.4, 901.4.8, 904.1.1, 913

**91**

**92**

**93**

**Appendix B**

- **Seattle Fire Fee Ordinance:**  
Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090  
[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**  
Number 127109  
<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## SMOKE CONTROL

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**SC-1** – Installation, inspection, testing, and maintenance of smoke control systems. Must also maintain a current and valid certification from the International Certification Board as a fire life safety 2 or smoke control technician through a program accredited by the American National Standards Institute under the ISO/IEC 17024 standard (**effective 7/01/2023**).

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 80(2019), 92(2018), 105(2019), 204(2018)

- **ASHRAE – Design of Smoke Control Systems**

- **Seattle Fire Code (2021):**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

2 – Sections: 201, 202

9 – Sections: 901.4, 901.4.8, 904.1.1, 909, 910

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Appendix B

- **Seattle Building Code (2021):**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code)

#### Chapters:

4 – Sections: 403.1.1.2, 404.1.1.2, 404.5, 405.5, 405.5.1, 405.5.2

9 – Sections: 909, 910

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

Number 127109

<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## SMOKE CONTROL (cont'd.)

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**SC-ITM** – Inspection, testing, and maintenance of smoke control systems. Must also maintain a current and valid certification from the International Certification Board as a fire life safety 2 or smoke control technician through a program accredited by the American National Standards Institute under the ISO/IEC 17024 standard (**effective 7/01/2023**).

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 80(2019), 92(2018), 105(2019), 204(2018)

- **Seattle Fire Code (2021):**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### **Chapters: Chapters:**

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112

2 – Sections: 201, 202

9 – Sections: 901.4, 901.4.8, 904.1.1, 909, 910

93

Appendix B

- **Seattle Building Code (2021):**

[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code)

#### **Chapters:**

4 – Sections: 404.5, 405.5, 405.5.1, 405.5.2

9 – Sections: 909, 910

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

Number 127109

<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>

## STANDPIPES

(This category only includes systems that are designed to discharge water)

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**STP-ITM** – Inspection, testing (except “acceptance testing”), and maintenance of standpipe systems. **Must have WA State ITT.** Note: installation of standpipes requires an AS-2(S) or AS-3(S) certification as of 2015 for compliance with State law.

**WA State Certs** - [www.wsp.wa.gov/fire-sprinklers](http://www.wsp.wa.gov/fire-sprinklers)

### REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 14(2019), 25(2020)

- **Seattle Fire Department Administrative Rules:** 9.03  
[www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents](http://www.seattle.gov/fire/business-services/fire-code-and-fire-safety-documents)

- **Seattle Fire Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/fire-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/fire-code)

#### Chapters:

1 – Sections: 101, 102.1, 102.3, 102.8, 103.1, 105, 107, 108, 109, 110, 111, 112, 113

2 – Sections: 201, 202

9 – Sections: 901.4, 901.4.8, 904.1.1, 905

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Appendix B

- **Seattle Building Code (2021):**  
[www.seattle.gov/sdci/codes/codes-we-enforce-\(a-z\)/building-code](http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/building-code)

#### Chapters:

4 – Sections: 410.7

9 – Sections: 905, 905.4

- **Seattle Fire Fee Ordinance:**

Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090

[https://library.municode.com/wa/seattle/codes/municipal\\_code?nodeId=TIT22BUCOCO\\_SUBTITLE\\_VIFICO\\_CH22.602FICOPEINFE\\_22.602.045FE](https://library.municode.com/wa/seattle/codes/municipal_code?nodeId=TIT22BUCOCO_SUBTITLE_VIFICO_CH22.602FICOPEINFE_22.602.045FE)

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**

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<https://seattle.legistar.com/LegislationDetail.aspx?ID=6828734&GUID=56B2491F-7C91-42AE-BC39-F047EC872C9D&Options=ID|Text|&Search=127109>