Fire Prevention Division

Certification Information Packet

Version July 2026 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

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 ITT or American Society of Sanitary Engineers 15010 Field Technician Certification.
STP-ITM	Inspect, test (except "acceptance testing"), and maintain standpipe systems. Must also maintain State Level ITT. Note: installation of standpipes requires an AS-2(S) or AS-3(S) certification for compliance with State law.
E-1	Install, inspect, test, and maintain foam and water mist fire extinguishing systems. Must also maintain NICET Level II certification in "special hazards suppression systems", and AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing piping. (NFPA 11, 750)
E-2	Install, inspect, test, and maintain carbon dioxide fire extinguishing systems. Must also maintain NICET Level II certification in "special hazards suppression systems". (NFPA 12)
E-3	Install, inspect, test, and maintain clean agent/halon replacement systems, aerosol, engineered wet chemical and dry chemical fire extinguishing systems. Must also maintain NICET Level II certification in "special hazards suppression 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. (NFPA 17, 17A, 2001, and 2010)
E-4KH	Install, inspect, test, and maintain pre-engineered kitchen hood suppression systems. Must also maintain NICET Level II or ICC/NAFED certification for pre-engineered kitchen fire extinguishing systems, and an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing fire-water piping. (NFPA 17A and NFPA 96)
E-4SB	Install, inspect, test, and maintain pre-engineered dry chemical fire extinguishing systems (including spray booths). Must also maintain NICET Level II or ICC/NAFED certification for pre-engineered industrial fire extinguishing systems and manufacturer certification, and an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing fire-water piping. (NFPA 17A and NFPA 96)
E-4Combo	All activities listed in types E-4KH and E-4SB. Must also maintain NICET Level II or ICC/NAFED certification for pre-engineered kitchen and industrial fire extinguishing systems and manufacturer certification, and an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing fire-water piping. (NFPA 17A and NFPA 96)
EG-1	Install, 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).

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. 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 3rd Avenue South on the second floor.

Scheduling
To make an appointment, email 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 3rd 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/. 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. 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, 2:00 p.m.
Every Tuesday and Wednesday, 7:30 a.m.

Tests are **not administered on City holidays**. Test takers may take two tests per day 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
When a State of Washington Certificate of Competency or other type of certificate is required by State law for the work to be performed under the SFD certificate, proof of a valid State of Washington Certificate of Competency or other type of certificate shall be provided as a pre-condition for obtaining the Seattle certification. Seattle certification is not a substitute for any certification the state may require. For example, any person performing inspection, testing, maintenance, and programing 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. Any employee of a licensed sprinkler contractor, who is working on wet and dry pipe fire sprinkler systems must hold a current Washington State Certificate of Competency. Note: employees who are employed by a property management or other company that is not sprinkler contractor, in a role that includes multiple duties and is not limited to sprinkler work, are not currently required by the State Fire Marshal's Office to obtain a Certificate of Competency (see for example RCW 18.160.010). Those employees are still required under Seattle law (SFD Administrative Rule 9.01) to hold a Seattle certification related to the work they perform on sprinkler systems, however they will not be required to present a State Certificate of Competency as a precondition for obtaining the Seattle 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.

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 (or through links from our web site). 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 3rd Avenue South, Floor 2, weekdays from 8 a.m. to 4:30 p.m. The price is $88. 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 and may be purchased from SDCI.

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 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. 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: https://seattle.gov/fire/business-services/fire-code-and-fire-safety-documents/ad-rules

Seattle Fire Department – Client Assistance Memoranda (CAMs)
SFD CAMs are available on the web at: https://seattle.gov/fire/business-services/fire-code-and-fire-safety-documents/info-sheets-and-cams 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 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 5th Avenue, Floor 20, Seattle.

National Fire Protection Association Standards
NFPA Standards can be viewed online and/or purchased through their website 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/ www.nfsa.org www.nfpa.org/ www.nicet.org/
https://esaweb.org/ www.fema.gov/ www.usfa.fema.gov/ www.afaa.org
www.alarm.org/ www.ansi.org/ www.astm.org/ www.ashrae.org/
www.wsp.wa.gov/fire-sprinklers/ www.nafed.org/about-nafed-certification.html
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

AS-ITT(S) – Inspection and testing (except "acceptance testing") of water-based fire protection systems, State Level ITT (Inspection and Testing Technician Certification).
- **National Fire Protection Association Standards:** 25(2020), 14(2019, Chapter 4)

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).
- **National Fire Protection Association Standards:** 13(2019), 13(2019, Chapter 5&8), 13R(2019, Chapter 3-6), 25(2020), 72(2019), 307(2021), 750(2019)

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).
- **National Fire Protection Association Standards:** 13(2019), 13R(2019), 14(2019 Chapter 6, 7, 9, 11), 25(2020 Chapter 5, 13, & Annex D), 72(2019), 307(2021), 750 (2019)

AS-ITT, AS-2, AS-3:

WA State Certs - www.wsp.wa.gov/fire-sprinklers
- **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
- **Seattle Fire Code (2021):**

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

Chapters:

4 – Sections: 403.3, 403.3.1, 403.3.1.1, 404.3, 407.6, 410.7, 411.4

9 – Sections: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
- **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

FOAM AND WATER MIST SYSTEMS

E-1 – Install, inspect, test, and maintain foam and water mist fire extinguishing systems. Must also maintain NICET Level II certification in "special hazards suppression systems", and AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing piping.

WA State Certs - www.wsp.wa.gov/fire-sprinklers

NICET - 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

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

- **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 – Install, inspect, test, and maintain carbon dioxide fire extinguishing systems. Must also maintain NICET Level II certification in "special hazards suppression systems".

NICET - 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

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

- **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

E-3 - Installation, inspection, testing, and maintenance of clean agent/halon replacement systems, aerosol, engineered wet chemical and dry chemical fire extinguishing systems. Must also maintain NICET Level II certification in "special hazards suppression systems", 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.

WA State Certs - www.wsp.wa.gov/fire-sprinklers

NICET - www.nicet.org

REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 12A(2018), 17(2018), 17A(2018), 34(2018), 2001(2018), 2010(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

- **Seattle Fire Code (2021):**
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
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WET/DRY CHEMICAL SYSTEMS

E-4KH - Installation, inspection, testing, and maintenance of pre-engineered kitchen hood protection systems. Must also maintain NICET Level II or ICC/NAFED certification for pre-engineered kitchen fire-extinguishing systems or ICC/NAFED engineered fire suppression systems, and an AS-3 or AS-2 certification (supervised by a journey-level sprinkler fitter) if installing fire-water piping.

NAFED - www.nafed.org/about-nafed-certification.html

WA State Certs - www.wsp.wa.gov/fire-sprinklers

NICET - 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

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

- **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

E-4SB - Install, inspect, test, and maintain pre-engineered dry chemical fire extinguishing systems (including spray booths). Must also maintain NICET Level II or ICC/NAFED certification for pre-engineered industrial fire extinguishing systems and manufacturer certification, and an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing fire-water piping. (NFPA 17, NFPA 17A, NFPA 33, and NFPA 96)

NAFED - www.nafed.org/about-nafed-certification.html

WA State Certs - www.wsp.wa.gov/fire-sprinklers

NICET - www.nicet.org

REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 17(2021), 17A(2021), 96(2021), 33(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

- **Seattle Fire Code (2021):**
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, 904.5, 904.6,

- **Seattle Fire Fee Ordinance:**
Seattle Municipal Code Sections: 22.602.020, 22.602.045 Schedule L, and 22.602.090
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E-4Combo - All activities listed in types E-4KH and E-4SB. Must also maintain NICET Level II or ICC/NAFED certification for pre-engineered kitchen and industrial fire extinguishing systems and manufacturer certification, and an AS-3 or AS-2 (supervised by a journey level sprinkler fitter) certification if installing fire-water piping. (NFPA 17, NFPA 17A, NFPA 33, and NFPA 96)

NAFED - www.nafed.org/about-nafed-certification.html

WA State Certs - www.wsp.wa.gov/fire-sprinklers

NICET - www.nicet.org

REFERENCE MATERIAL

- **National Fire Protection Association Standards:** 17(2021), 17A(2021), 33 (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

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

- **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

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

- **Seattle Fire Code (2021):**
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
Chapters:
27 – Sections: 2702

- **Seattle Electrical Code (2023):**
Articles 700, 701
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

- **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

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

- **Seattle Fire Code (2021)**
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
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

- **Seattle Ordinance Adopting 2021 Seattle Fire Code:**
Number 127109
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FIRE EXTINGUISHERS

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

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

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

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

- **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

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

- **Seattle Fire Code (2021)**
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

- **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

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

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
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
93
Appendix B

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

- **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

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

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

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

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

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

Number 127109
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STANDPIPES

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

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 for compliance with State law.

WA State Certs - 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

- **Seattle Fire Code (2021):**
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
93
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- **Seattle Building Code (2021):**
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

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