WHAT CERTIFICATION EXAM SHOULD I TAKE?

Version 8/27/2026

Test	Description
AS-3(S)	Install, inspect, test, and maintain automatic sprinkler systems and standpipes, State Level 3
AS-2(S)	Install, inspect, test, and maintain automatic sprinkler systems and standpipes, State Level 2
AS-ITT(S)	Inspect and test (except "acceptance testing" and "maintenance") water-based fire protection systems including standpipes, 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. This certification is used in conjunction with the AS-ITT for *maintenance* work on standpipe systems. The AS-ITT allows inspection and testing of standpipes, only. Personnel with the AS-2(S) or AS-3(S) do not need to obtain this certificate to work on standpipes.
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, 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.

- Continued on Next Page -

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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).