



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Public Safety

DIVISION OF FIRE AND LIFE SAFETY
Office of the Director

5700 East Tudor Road
Anchorage, Alaska 99507-1225
Main: 907.269.5491
Fax: 907.338.4375

October 9, 2025

Commissioner Julie Sande
Department of Commerce, Community & Economic Development
P.O. Box 110800
Juneau, AK 99811-0800

Re: AS 18.70.081 – Approved Fire Protection Systems

Commissioner Sande:

The following list is provided to meet the requirement of Alaska Statute (AS) 18.70.081 for “Approved Fire Protection Systems” and supersedes all previous memos regarding this matter.

1. The following is a list of Approved Fire Protection Systems.

- a. Water-based fire sprinkler systems, which provide complete coverage throughout the structure, designed, installed, and maintained in accordance with the International Building Code as amended, the International Fire Code as amended, and National Fire Protection Association (NFPA) 13.
- b. Water-based fire sprinkler systems (in residential occupancies up to and including four stories), which provide complete coverage throughout the structure, designed, installed, and maintained in accordance with the International Building Code as amended, the International Fire Code as amended, and NFPA 13R.
- c. Water-based fire sprinklers systems (in one- and two-family dwellings and manufactured homes), which provide complete coverage throughout the structure, designed, installed, and maintained in accordance with the International Building Code as amended, the International Fire Code as amended, and NFPA 13D, NFPA 13R and P2905.
- d. Water mist fire protection systems, which provide complete coverage throughout the structure, designed, installed, and maintained in accordance with NFPA 750.
- e. Halogenated fire extinguishing agent systems, which provides complete coverage throughout the structure, Halon 1301 designed, installed, and maintained in accordance with NFPA 12A.

- f. All water-based fire protection systems listed above shall be maintained in accordance with 13 Alaska Administrative Code (ACC) 50.025 and NFPA 25.

2. Fire Protection Systems qualifying for the loan provisions of AS 45.81.210 in accordance with 13 AAC 50.025:

- a. Low-, Medium-, and High-Expansion Foam Systems – NFPA 11, 2016 Edition
- b. Carbon Dioxide Extinguishing Systems - NFPA 12, 2018 Edition
- c. Halogenated Fire Extinguishing Systems - Halon 1301, NFPA 12A, 2018 Edition
- d. Fire Sprinkler Systems - NFPA 13, 13D, and 13R, 2019 Editions
- e. Standpipe and Hose Systems - NFPA 14, 2019 Edition
- f. Water Spray Fixed Systems - NFPA 15, 2017 Edition
- g. Foam - Water Sprinkler and Spray Systems - NFPA 16, 2019 Edition
- h. Dry Chemical Extinguishing Systems - NFPA 17, 2021 Edition
- i. Wet Chemical Extinguishing Systems - NFPA 17A, 2021 Edition
- j. Fire Alarms – NFPA 72, 2019 Edition
- k. Water Mist Fire Protection Systems – NFPA 750, 2019 Edition
- l. Water Supplies for Suburban and Rural Firefighting – NFPA 1142, 2017 Edition
- m. Clean Agent Fire Extinguishing Systems – NFPA 2001, 2018 Edition
- n. Commercial Kitchen Hoods and Automatic Fire-Extinguishing Systems – International Fire and Mechanical Codes, 2021 Editions

Sincerely,



Lloyd Nakano

Director / State Fire Marshal