

Alaska Explosives & Blasting Safety

Guy's Construction

Alaska State Plan + 29 CFR 1926 Subpart U

Effective Date: June 08, 2026

SAMPLE DOCUMENT - NOT FOR COMPLIANCE USE

ALASKA-SPECIFIC EXPLOSIVES REQUIREMENTS

Alaska operates a state plan (AKOSH). The following requirements are in addition to or different from federal OSHA Subpart U.

- written safety program required

8 AAC 61.010

- state certification required for explosives handlers

AS 18.52 / 8 AAC 62.010-62.070

- fiberboard box (4G) or fiber drum (1G) with plastic inner packaging not exceeding 5 kg (11 lbs) and maximum net mass not more than 25 kg (55 lbs)
- the overall status of implementation of the provisions of this Part relating to the identification, inventory, and removal of underwater obstructions
- a diagrammatic sketch of the mechanical installation along with a detailed explanation of the flow, procedures and frequency of well tests, calibration/proving of metering devices and allocation formula
- a list of interested parties (those with interests in the leases and/or units from which production is to be commingled for which the applicant has no existing commingling authority)
- third physician to conduct examinations, consultations, laboratory tests and discussions with prior physicians as necessary to resolve disagreement
- excessive impact sensitivity
- 1.1C, 1.2C, 1.3C, 1.4C
- a primary (a 1.1A initiating) explosive or a forbidden explosive according to this subchapter
- another sheathed explosive unit
- atmosphere test before entry, observer stationed outside, body harness with lifeline, lockout all equipment causing grain movement, never walk on grain surface
- restricted areas posted with radiation caution signs
- from outside bin only
- CDZ training per 1926.761
- Subpart G - Signs, Signals, and Barricades
- blasting caps, electric blasting caps, delay electric blasting caps, and nonelectric delay blasting caps
- respiratory protection and engineering controls
- silica dust leading to silicosis
- unique Explosives and Blasting Agents standard (General Industry)

OSHA Alaska State Plan page ([osha.gov/stateplans/ak](https://www.osha.gov/stateplans/ak))

- a well which injects fluids to increase the recovery of hydrocarbons
- one producing zone is predominately gas and a second zone is predominately oil
- pressure relief devices conforming to the following requirements
- prospective employers applying or bidding for work whose employees reasonably can be expected to work in or adjacent to areas containing ACM or PACM of the presence, location and quantity (notification)

FEDERAL BASELINE (29 CFR 1926.900-914)

The following federal requirements apply as the baseline. Alaska state plan may add to but cannot reduce these requirements:

- authorized and qualified person (blaster) only

29 CFR 1926.900(a)

- Authorized and Qualified Person (Blaster)

1926.900(a)

- Inventory and Use Record of All Explosives

1926.900(d)

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ALASKA UNIQUE CONSIDERATIONS

- Permafrost: blasting in permafrost conditions requires additional precautions for flyrock and ground movement
- Remote locations: many Alaska construction sites lack quick access to medical facilities. On-site first aid and medevac plan mandatory.
- Wildlife: blasting near marine mammals or eagle nests may require USFWS permits
- Alaska reporting: all incidents reported within 8 hours (AKOSH requirement)
- Extreme cold: explosives storage and handling in sub-zero temperatures per manufacturer guidelines

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