

Roof Type & Fall Protection

Guy's Construction
123 Main Street, Anytown, WA 98001

Ontology-Backed Safety Document
WAC 296-880-20010(2)

Effective Date: June 08, 2026

SAMPLE DOCUMENT - NOT FOR COMPLIANCE USE

JURISDICTION AND REGULATORY FRAMEWORK

STATE-SPECIFIC: Washington has the following requirements:

- exempt from fall protection only for pre-work/post-work inspection on low pitch roofs (not steep pitch, not during construction)

WAC 296-880-20010(2)

- at least 1/2 horizontal to one vertical (1/2H:1V) less steep than the maximum allowable slope when signs of distress
- 1/2 horizontal to one vertical (1/2H:1V) less steep than the maximum allowable slope when signs of distress occur
- at least 1/2H:1V less steep than the maximum allowable slope when signs of distress
- Compressed Gas Association Pamphlets S-1.1-1963 and 1965 addenda and S-1.2-1963
- inside the casing if the cement evaluation tool indicates the casing string cemented in the well fails to satisfy section 43-02-03-21
- the sundry notice (form 4) reporting the plan of reclamation pursuant to sections 43-02-03-19.4 and 43-02-03-19.5
- out of direct line with possible explosive forces
- increased likelihood of cave-in
- average annual daily traffic counts, number of highway lanes, highway speed limits, presence of adjacent signalized highway intersections, number of railroad tracks, angle of the roadway intersection, volume of school bus/transit bus/emergency...
- a slope less than or equal to 4 in 12 (vertical to horizontal)

29 CFR 1926.500

- <4:12 pitch, <50ft wide
- safety monitoring system alone permitted

29 CFR 1926.501(b)(10)

- safety monitoring system alone permitted when \leq 50 feet wide
- fall from elevation
- 6 feet
- to the Regional Administrator upon request
- deteriorated such that the crosstie's fastening or anchoring system, including rail anchors, is unable to maintain longitudinal rail restraint, or maintain rail hold down, or maintain gage due to insufficient fastener toeload
- gradually, while stirring, into the water
- move all clutch or other power controls to the "off" or "neutral" position if power fails during operation
- You must securely block shovels setting on steep grades or secure them with a tail hold
- operation only when it does not result in exposure to dangerous gases or fumes above the maximum acceptable limits listed in Section 5155
- equal to or longer than 5 μ m
- representative sample of exposed employees believed to have greatest airborne concentrations
- respirable crystalline silica
- compliance with chapter 296-840 WAC

- maintaining minimum clearance from energized high voltage conductors or deenergizing/grounding or installing insulating barriers
- Resulting combustible dust accumulations on, in, or near electric equipment may be sufficient to interfere with safe dissipation of heat or may be ignitable by abnormal operation or failure of electric equipment
- ascertaining voltage, maintaining minimum clearance distance, and complying with section requirements
- when the removal of material may expose employees to respirable crystalline silica, the requirements in chapter 296-840 WAC must be followed
- seven days after concluding storage operations
- control velocity of 100 fpm
- (Name of employer), Petitioner vs. Chief of the Occupational Safety and Health Enforcement Section of the Division of Industrial Relations of the Department of Business and Industry, Respondent
- adequate temporary containment of the oil, water, or fluids

Monday Safety — Sample Document

FEDERAL OSHA REQUIREMENTS

- 102 mm (4 in.) in 305 mm (12 in.) or greater
- fall protection at 6 ft (federal), warning line systems at 6+ ft from roof edge (low-slope only), safety monitor allowed only on low-slope roofs with warning lines per 1926.501(b)(10)-(11)

29 CFR 1926.501(b)(10)-(11), 1926.502(f)

- the construction of the roof deck

29 CFR 1926.500

- slope greater than 4 in 12 (vertical to horizontal)

29 CFR 1926.500

- guardrail with toeboards, safety net, or PFAS

29 CFR 1926.501(b)(11)

- a slope less than or equal to 4 in 12 (vertical to horizontal)

29 CFR 1926.500

- fall protection including option of warning line system combinations

29 CFR 1926.501(b)(10)

- safety monitoring system alone permitted without warning line system

29 CFR 1926.501(b)(10)

- safety monitoring system alone permitted

29 CFR 1926.501(b)(10)

- guardrail, safety net, PFAS, or warning line system combinations

29 CFR 1926.501(b)(10)

- guardrail systems with toe boards, safety net systems, or personal fall arrest systems - no alternative fall protection plan option for steep slopes

29 CFR 1926.501(b)(11)

- employer shall inform each employee operating ROPS-equipped tractor: keep seat belt fastened, avoid extra riders, avoid steep slopes/ditches, reduce speed on turns/rough terrain, disengage PTO before dismount.

29 CFR 1928 Appendix A to Subpart C

COMPANY PROCEDURES

Guy's Construction implements the following procedures for roof type & fall protection:

- Guy's Construction shall: 102 mm (4 in.) in 305 mm (12 in.) or greater
- Guy's Construction shall: fall protection at 6 ft (federal), warning line systems at 6+ ft from roof edge (low-slope only), safety monitor allowed only on low-slope roofs with warning lines per 1926.501(b)(10)-(11)

29 CFR 1926.501(b)(10)-(11), 1926.502(f)

- Guy's Construction shall: guardrail with toeboards, safety net, or PFAS

29 CFR 1926.501(b)(11)

- Guy's Construction shall: a slope less than or equal to 4 in 12 (vertical to horizontal)

29 CFR 1926.500

- Guy's Construction shall: safety monitoring system alone permitted without warning line system

29 CFR 1926.501(b)(10)

TRAINING REQUIREMENTS

- All employees involved in this scope of work must receive initial training before beginning work
- Refresher training when procedures change or deficiencies are observed
- Training must be documented with date, topic, trainer, and attendees

RECORDKEEPING

- Training records: duration of employment
- Inspection/monitoring records: project duration + 3 years
- Incident reports: 5 years

Monday Safety — Sample Document

Washington STATE-SPECIFIC REQUIREMENTS (FULL)

- exempt from fall protection only for pre-work/post-work inspection on low pitch roofs (not steep pitch, not during construction)

WAC 296-880-20010(2)

- at least 1/2 horizontal to one vertical (1/2H:1V) less steep than the maximum allowable slope when signs of distress
- 1/2 horizontal to one vertical (1/2H:1V) less steep than the maximum allowable slope when signs of distress occur
- at least 1/2H:1V less steep than the maximum allowable slope when signs of distress
- Compressed Gas Association Pamphlets S-1.1-1963 and 1965 addenda and S-1.2-1963
- inside the casing if the cement evaluation tool indicates the casing string cemented in the well fails to satisfy section 43-02-03-21
- the sundry notice (form 4) reporting the plan of reclamation pursuant to sections 43-02-03-19.4 and 43-02-03-19.5
- out of direct line with possible explosive forces
- increased likelihood of cave-in
- average annual daily traffic counts, number of highway lanes, highway speed limits, presence of adjacent signalized highway intersections, number of railroad tracks, angle of the roadway intersection, volume of school bus/transit bus/emergency vehicle/commercial motor vehicle/hazardous materials...
- a slope less than or equal to 4 in 12 (vertical to horizontal)

29 CFR 1926.500

- <4:12 pitch, <50ft wide
- safety monitoring system alone permitted

29 CFR 1926.501(b)(10)

- safety monitoring system alone permitted when ≤ 50 feet wide
- fall from elevation
- 6 feet
- to the Regional Administrator upon request
- deteriorated such that the crosstie's fastening or anchoring system, including rail anchors, is unable to maintain longitudinal rail restraint, or maintain rail hold down, or maintain gage due to insufficient fastener toeload
- gradually, while stirring, into the water
- move all clutch or other power controls to the "off" or "neutral" position if power fails during operation
- You must securely block shovels setting on steep grades or secure them with a tail hold
- operation only when it does not result in exposure to dangerous gases or fumes above the maximum acceptable limits listed in Section 5155
- equal to or longer than 5 μm
- representative sample of exposed employees believed to have greatest airborne concentrations
- respirable crystalline silica
- compliance with chapter 296-840 WAC
- maintaining minimum clearance from energized high voltage conductors or deenergizing/grounding or

installing insulating barriers

- Resulting combustible dust accumulations on, in, or near electric equipment may be sufficient to interfere with safe dissipation of heat or may be ignitable by abnormal operation or failure of electric equipment
- ascertaining voltage, maintaining minimum clearance distance, and complying with section requirements
- when the removal of material may expose employees to respirable crystalline silica, the requirements in chapter 296-840 WAC must be followed
- seven days after concluding storage operations
- control velocity of 100 fpm
- (Name of employer), Petitioner vs. Chief of the Occupational Safety and Health Enforcement Section of the Division of Industrial Relations of the Department of Business and Industry, Respondent
- adequate temporary containment of the oil, water, or fluids

Monday Safety — Sample Document