

Fire Prevention Plan

Guy's Construction
123 Main Street, Anytown, TX 75001

29 CFR 1926.24 / 1910.39 / 1926.150-155

Effective Date: June 08, 2026

SAMPLE DOCUMENT - NOT FOR COMPLIANCE USE

JURISDICTION AND REGULATORY FRAMEWORK

Fire is the second leading cause of property loss on construction sites. Unfinished buildings have no sprinklers, no fire-rated walls, and limited fire truck access.

- smoking prohibited within 20 feet of flammable storage; combustible debris cleared daily; hot work area inspected 30 minutes after work

29 CFR 1926.155

- fire watch maintained for minimum 30 minutes after hot work completion; competent person or marine chemist determination required before hot work on or near vessels

29 CFR 1915.14 / 1915.504

- emergency action plans and fire prevention plans

29 CFR 1910.34(b)

- written fire prevention plan (unless 10 or fewer employees)

29 CFR 1910.39(b)

STATE-SPECIFIC: Texas has additional fire prevention requirements:

- ignition of flammable gases leading to fire or explosion
- daily clearing of combustible debris and fire watch inspection 30 minutes after completion of work
- 30 min after
- fire watch maintained for minimum 30 minutes after hot work completion
- fire watch requirements
- a clear passageway unobstructed by fixed hoist equipment located in, or on top of, the car
- 99 percent by weight
- 16 inches on any one side
- Section 5207, Appendix F
- 400 square inches
- fire hazard
- inspection and authorization by the GDA plus post-work fire watch inspection
- NFPA 33
- fire watch maintained for minimum 30 minutes after completion of operations
- licensed plumber
- any individual, partnership, joint stock associations, trust, cooperative, unincorporated association, or corporation
- written certification record (employee name, date, trainer signature)
- The gin pole must be anchored at the base against horizontal forces (when such forces are present)
- competent person to implement
- Fire Alarm System
- Fire Extinguisher
- Fire Brigade
- Fire Protection Program
- where shower facilities are available, that employees shower at the end of the work shift and shall provide

- an adequate supply of cleansing agents and towels for use by affected employees
- an alternative compliant valve within 7 calendar days of the finding
- at 5 m.p.h. above the requested speed
- interim response plan to maintain safety while repairs are being made
- as soon as practicable within seven calendar days
- the letter classification given an extinguisher to designate the class or classes of fire on which an extinguisher will be effective
- 2A-rated extinguisher per 3,000 sq ft with max 100 ft travel distance
- Standard for Foam Extinguisher Systems, ANSI/NFPA 11
- Underwriters Laboratory-approved extinguisher of not less than 10-ABC rating
- a permanent tag attached to the extinguisher
- a copy of any surface use agreement
- the terms of any surface use agreement
- Commission at least twenty-four (24) hours notice prior to installation of underground electrical conductors outside of its facilities, fenced enclosures, or posted areas
- six (6) if the number proposed exceeds the Commission's capacity to provide appropriate inspection oversight
- one-half (1/2) charge in the case of bad caps or lead wires

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1.0 PURPOSE AND SCOPE

Guy's Construction maintains this Fire Prevention Plan per 1910.39 and 1926.24. It identifies fire hazards, ignition source controls, fire protection equipment, and responsible persons.

2.0 MAJOR FIRE HAZARDS

Hazard	Where Found	Controls
Wood framing/lumber	Structural, formwork, temp barriers	Minimize scrap. Remove cutoffs daily. No open flames near.
Insulation (foam/fiberglass)	Wall cavities, pipe wrap. Spray foam highly flammable until cured.	No hot work near uncured foam. Store away from ignition.
Flammable liquids	Gasoline, solvents, adhesives, paint	Approved containers. Max 25 gal outside cabinet. No smoking 25 ft.
LP gas cylinders	Heaters, torches, forklifts	Store upright, secured. Valve caps on. Away from exits/heat.
Trash/packaging	Cardboard, plastic, food, oily rags	Remove daily. Metal self-closing cans for oily rags.
Temp electrical	Spider boxes, extension cords, generators	GFCI. No damaged cords. No overloading.
Hot work	Welding, cutting, grinding	Permit system. 35 ft clearance. Fire watch.

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3.0 FLAMMABLE LIQUID STORAGE

- Flammable (flash point <100F): approved safety containers. Max 25 gal outside cabinet. Per 1926.152.
- Flammable storage cabinet: max 60 gal flammable or 120 gal combustible per cabinet.
- Safety cans: spring-loaded, self-closing. No glass containers, no open buckets.
- No flammable storage in exit paths, stairways, or egress routes.

4.0 IGNITION SOURCE CONTROLS

Source	Control
Open flame	No open flames within 25 ft of flammable storage. Hot work permit required.
Hot work sparks	Hot work permit. 35 ft clearance. Fire watch. See Sec 5.0.
Electrical arcing	Inspect cords daily. Remove damaged. GFCI. No daisy-chaining.
Static discharge	Ground dispensing equipment. Bond containers during transfer.
Smoking	Designated areas only. 25 ft from flammables. See Sec 10.0.
Heaters	10 ft from combustibles. No solid-fuel salamanders inside. See Sec 6.0.
Equipment exhaust	Keep away from combustibles, dry vegetation, flammable vapors.
Oily rags	Metal, self-closing containers. These rags self-ignite if piled.

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5.0 HOT WORK FIRE PREVENTION

- Hot work permit for all work outside designated welding shop
- 35 ft clearance: combustibles removed or protected with fire-resistant covers
- Fire watch: during + 30-60 min after (OSHA 30, NFPA 51B 60)
- Extinguisher: min 2A:10B:C within 10 ft

6.0 TEMPORARY HEATING

- 10 ft minimum from combustibles. Stable surface.
- Solid-fuel salamanders PROHIBITED inside buildings. Per 1926.154(a).
- LP heaters: cylinder secured upright. Check for leaks. Adequate ventilation.
- Electric heaters: rated circuit. No extension cords unless rated. 3 ft from combustibles.
- Turn off at end of shift. No drying clothes on heaters.

7.0 ELECTRICAL FIRE PREVENTION

- GFCI on all temp circuits. Per 1926.404(b)(1).
- Inspect cords daily. Remove damaged. No overloading. No daisy-chaining.
- Temp wiring by qualified electrician per 1926.405.
- Generator exhaust away from combustibles.

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8.0 HOUSEKEEPING

Combustible accumulation is the #1 fire hazard on construction sites. Daily cleanup is fire prevention.

- Remove scrap lumber, cutoffs, sawdust end of each shift
- Remove packaging from building daily
- Oily rags: metal self-closing containers. NEVER pile in trash bags.
- Stairways, egress, and extinguisher access clear at all times
- No combustibles stored under stairways

9.0 FIRE EXTINGUISHER PLACEMENT

Location	Type/Rating	Requirement
General work areas	2A	Within 100 ft. Per 1926.150(c)(1)(i).
Flammable liquid areas (>5 gal)	10B	Within 50 ft. Per 1926.150(c)(1)(iv).
Hot work location	2A:10B:C	Within 10 ft. Per 1926.352(d).
Temp heating equipment	2A:10B:C	Within 10 ft.
Flammable storage area	10B:C	At each storage location.
Building entrance	2A:10B:C	At each principal entrance during construction.

- Monthly inspection: gauge green, pin in place, nozzle clear, accessible
- Annual professional service. Tag with service date.
- Mark locations with visible signs. Update as extinguishers move.

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10.0 SMOKING POLICY

- Designated areas only. 25 ft from: combustibles, flammables, fueling, LP storage, building entrances.
- 'No Smoking' signs at all flammable storage, fueling, and inside buildings under construction.
- Metal butt cans at designated areas.
- No smoking inside buildings under construction at any time.
- E-cigarettes/vaping: same rules (heating element = ignition source).

11.0 RESPONSIBLE PERSONS

Per 1910.39(c)(3)-(4):

Responsibility	Assigned To
Extinguisher inspection (monthly)	[NAME/TITLE]
Extinguisher annual service	[NAME/TITLE or SERVICE CO]
Flammable storage compliance	[NAME/TITLE]
Hot work permit authorization	[NAME/TITLE]
Daily housekeeping	[Each foreman for their area]
Temp heating inspection	[NAME/TITLE]
Electrical/cord inspection	[Site electrician]
Overall fire prevention admin	[Safety coordinator/superintendent]

12.0 TRAINING

- At initial assignment. When responsibilities change. When plan revised.
- Topics: fire hazards in work area, extinguisher locations, hot work permits, smoking policy, housekeeping, how to report fire, evacuation
- Extinguisher users: hands-on PASS training (Pull, Aim, Squeeze, Sweep)

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Texas STATE-SPECIFIC REQUIREMENTS

- ignition of flammable gases leading to fire or explosion
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- 30 min after
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- fire watch requirements
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APPENDIX A: FIRE HAZARD ASSESSMENT BY PHASE

Update at each major phase. Fire hazards change as building progresses.

Project: _____

Date: _____

Assessed By: _____

Phase	Fire Hazards	Ignition Sources	Controls
Excavation/Foundation			
Structural/Framing			
Roofing			
MEP Rough-In			
Insulation			
Drywall/Interior			
Painting/Finishing			
Commissioning			

Assessed By: _____

Date: _____

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APPENDIX B: WEEKLY FIRE PREVENTION INSPECTION

Project: _____ Date: _____
 Inspector: _____

Item	Notes	OK	Fix
Extinguishers in place, charged, accessible			
No scrap/packaging accumulation in building			
Oily rags in metal self-closing containers			
Flammable liquids: approved containers, <25 gal			
No Smoking signs posted			
Smoking area: butt can, 25 ft from combustibles			
Dumpsters not overflowing			
Extension cords: no damage, no overloading			
GFCI on all temp circuits (tested)			
Heaters: 10 ft clearance, stable			
LP cylinders: upright, secured, away from exits			
Stairways/exits clear			
Hot work permits being used			
Fire watch conducted (during + 30/60 min after)			

Issues: _____

Inspector: _____ Date: _____

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