

PROJECT NAME

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Site Safety Plan

Site Safety Director/Designees	Phone Number
	Email

Scope of Work or Phase:

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Site Safety Plan (SSP)

The SSP shall be consistent with the fire safety precautions as specified in this document, and the CFC and its referenced standards. The Site Safety Director or other designee of the building owner is responsible for carrying out the provisions of the SSP and communicating it to all subcontractors.

The SSP shall address the items listed below as applicable to the project scope.

1. Name and contact information of the site safety director.
2. Documentation of the training of the site safety director and fire watch personnel.
3. Procedures for reporting emergencies.
4. Fire department vehicle access routes.
5. Location of fire protection equipment, including portable fire extinguishers, standpipes, fire department connections and fire hydrants.
6. Smoking and cooking policies, designated areas to be used where approved, and signage locations in accordance with Section 3305.8.
7. Location and safety considerations for temporary heating equipment.
8. Hot work permit plan.
9. Plans for control of combustible waste material.
10. Locations and methods for storage and use of flammable and combustible liquids and other hazardous materials.
11. Provisions for site security.
12. Changes that affect this plan.
13. Other site-specific information required by the fire code official.

 CALIFORNIA STATE FIRE MARSHAL APPROVED PANIC AND LIFE SAFETY ONLY <small>Approval of this plan does not authorize or approve any omissions or deviation from applicable regulations and standards. Approved plans shall be available on the project site at all times. Final approval subject to field inspection.</small> Approved by: <u>Paige McKibbin 05/13/2025</u> CSU DESIGNATED CAMPUS FIRE MARSHAL - Paige McKibbin

Site Safety Director

Authority and Training: This plan grants the site safety director the authority to enforce the provisions of the California Fire Code Chapter 33 and NFPA 241. In addition, where guard service is provided in accordance with NFPA 241, the site safety director shall be responsible for all guard service functions. Training of fire watch and other responsible personnel in the use of fire protection equipment shall be the responsibility of the site safety director. Records of training and inspection shall be maintained by the site safety director and available to the AHJ upon request.

Emergency Reporting Procedures: The construction site shall have an emergency phone located in an approved location. However, CSU acknowledges that landline phones are no longer standard, and cell phones and radio communication are acceptable alternatives, subject to the approval of the fire code official. In addition, the site address or building identification as well as fire department emergency numbers shall be prominently posted in an approved location. Typical customized signs are available from safety equipment suppliers or sign companies.

Plan/Solution:

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Premises Identification: Describe the location or reference sheet(s) on approved plans showing the location of the address numbers or property identification. This sign shall be plainly visible and legible from the street or road fronting the property at the fire apparatus access point or as otherwise approved.

Plan/Solution:

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Vehicle Parking: Show staff parking. Reference sheet(s) on approved plans or add drawing to the site safety plan. All vehicles shall be parked a minimum of 20 feet from new buildings under construction.

Plan/Solution or NIA:

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Site Security: The site shall be secured by fencing designed to prevent climbing and monitored periodically so that the site is secure. A fire watch shall be provided during nonworking hours for construction that exceeds 40 feet in height above the lowest adjacent grade or when otherwise required by the Fire Code Official. Reference a sheet(s) showing location of security fencing or provide drawing to this site safety plan.

Plan/Solution or NIA:

Fire Protection Systems

Fire Hydrants: Water mains and hydrants are required to be installed, completed, and in service prior to combustible construction materials accumulating on site. If existing whole building is remodeled/demolished, show the location of existing fire hydrants on the approved plans. See CFC 3313.1 for hydrant flow requirements. If a remodel occurs within a small space inside an existing building, it is presumed water supply has already been approved and can be shown on the site plans of the approved construction documents.

Plan/Solution or NIA:

Water Supply: If a sight water supply is required, identify if the water supply is permanent or temporary. Provide drawings showing location or reference sheet(s) on approved plans.

Plan/Solution or N/A:

Standpipe Supply: For new construction, a permanent or temporary standpipe is required prior to construction exceeding 40 feet in height. Existing standpipes must remain in service during construction, remodel, and demolition. For new or temporary standpipes, provide a drawing or reference sheet(s) on approved plans. For existing standpipes that must be altered or removed from service, provide an impairment plan.

Plan/Solution or N/A:

Fire Walls: When fire walls are required, the wall construction shall be completed (with all openings protected) immediately following framing so no more than two upper stories of active construction have incomplete fire walls or unprotected fire wall openings at any point in time.

Plan/Solution or N/A:

Fire Sprinkler Systems: Where automatic fire sprinkler systems are required to be installed in new buildings, the system shall be placed in service as soon as possible. With proper scheduling and contracting, it is possible for the sprinkler installation to follow the building construction closely as it progresses. This is frequently done in multiple-story buildings to facilitate protection on the lower floors before the upper floors have been built. For buildings equipped with existing fire sprinklers, the system(s) shall remain in service at all times except when system modifications are necessary. In addition, an impairment plan shall be submitted as part of this site safety plan.

Plan/Solution or N/A:

Fire Alarm Systems: Fire alarm systems shall be maintained operational at all times during building alterations. When an alteration requires modification to a portion of the fire alarm system, the portion of the system requiring work shall be isolated and the remainder of the system shall be kept in service whenever practical. When it is necessary to shut down an entire fire alarm system, an impairment plan must be submitted as part of the site safety plan.

Plan/Solution or N/A:

Fire Extinguishers: Temporary or existing portable fire extinguishers shall be provided and shall be mounted on a wall, or post at each usable stairway and such that the travel distance to any extinguisher does not exceed 75 feet. Mounting height to the top of the extinguisher shall not exceed 5 feet. Extinguishers shall not have less than a 2A-10B-C rating. Show location on a drawing or reference sheet(s) on approved plans.

Plan/Solution or N/A:

Smoking: Smoking is prohibited anywhere inside or on the roof of new buildings under construction or in the project work area of buildings undergoing alteration. A suitable number of 'No Smoking' signs shall be posted to ensure that smoking is controlled.

Plan/Solution or N/A:

Exit Requirements

Minimum Number of Exits: All new buildings under construction shall have at least one unobstructed exit. Reference sheet(s) on approved plans showing temporary or existing exit(s) for the project.

Plan/Solution or N/A:

Multi-Story Buildings: Each level above the first story in new multi-story buildings shall be provided with at least two usable exit stairs after the floor decking is installed. The stairways shall be continuous and discharge to grade level. Stairways serving more than two floor levels shall be enclosed (with openings adequately protected) after exterior walls/windows are in place. Exit stairs in new and in existing, occupied buildings shall be lighted and maintained clear of debris and construction materials at all times. Provide drawing or reference sheet(s) on approved plans.

Exception: Where building construction exceeds 40 feet in height above the lowest level of fire department vehicle access, a temporary or permanent stairway shall be provided. As construction progresses, such stairway shall be extended to within one floor of the highest point of construction having secured decking or flooring.

Plan/Solution or N/A:

Assembly Points: Designated exterior assembly points shall be established for all construction personnel to relocate to upon evacuation. Provide plan showing locations or reference sheet(s) on approved plans.

Plan/Solution or N/A:

Flammable and Combustible Liquids

Storage Areas: Identify flammable and combustible liquid storage areas on site safety plan or reference sheet(s) on approved plans.

Plan/Solution or N/A:

Fueling of Equipment: All dispensing of flammable or combustible liquids must take place outside of the structure under construction and away from any potential ignition sources. Show location of fueling or dispensing operations on site safety plan or reference sheet(s) on approved plans.

Plan/Solution or N/A:

Tank Installation Plans/Permit: Plans for the installation/use of any aboveground fuel storage tank (i.e., container greater than 60 gallons) shall be submitted to OFS for review and permit prior to the proposed tank arriving at the site.

Plan/Solution or N/A:

Other Combustible Materials

Combustible Material Storage: Show on the site safety plan or reference the approved plans the location of combustible construction materials storage. Combustible construction materials must be stored in accordance with NFPA 241, 8.3.

Plan/Solution or N/A:

Garbage Chutes and Dumpsters: Garbage chutes shall be designed in accordance with NFPA 241, 5.4 and may require fire sprinklers. Show location of garbage chutes on site safety plan or reference sheet on approved plans.

Plan/Solution or N/A:

Combustible Debris: Wood, cardboard, packing material, form lumber, and similar combustible debris shall not be accumulated within buildings. Such debris, rubbish, and waste material shall be removed from buildings on a daily basis. Provide plan for combustible waste control.

Plan/Solution or N/A:

Compressed Gases

Protection of Gas Containers: Show on the site safety plan or approved plans compressed gas storage areas. Gas containers/cylinders shall be protected in accordance with CFC Ch 33.

Plan/Solution or N/A:

Liquefied Petroleum Gas (LP-Gas)

Use in Buildings: Propane containers may be used in buildings under construction or undergoing major renovation as a fuel source for temporary heating for curing concrete, drying plaster and similar applications. If used, describe compliance with CFC 3304 and NFPA 241, 5.2

Plan/Solution or N/A:

Hot Work

Hot work includes any work involving operations capable of initiating fires or explosions, including cutting, welding, brazing, soldering, grinding, thermal spraying, thawing pipe, torch applied roofing, or any other similar activity.

Hot work shall only be conducted in areas designed or authorized for that purpose by the personnel responsible for a hot work program. Hot work shall not be conducted in the following areas unless approval has been obtained from the fire code official:

- Areas where the sprinkler system is impaired.
- Areas where there exists the potential of an explosive atmosphere, such as locations where flammable gases, liquids or vapors are present.
- Areas with readily ignitable materials, such as storage of large quantities of bulk sulfur, baled paper, cotton, lint, dust or loose combustible materials.
- On board ships at dock or ships under construction or repair.
- At other locations as specified by the fire code official.

Area Reviews: Before hot work is permitted and not less than once per day while the permit is in effect, the area shall be inspected by the individual responsible for authorizing hot work operations to ensure that it is a fire safe area. Provide information on who is responsible for area reviews.

Person(s) Responsible or N/A:

Pre-Hot-Work Check: A pre-hot-work check shall be conducted prior to work to ensure that all equipment is safe and hazards are recognized and protected. A report of the check shall be kept at the work site during the work and available upon request. The pre-hot-work check shall determine all of the following:

- Hot work equipment to be used shall be in satisfactory operating condition and in good repair.
- Hot work site is clear of combustibles or combustibles are protected.
- Exposed construction is of noncombustible materials or, if combustible, then protected.
- Openings are protected.
- Floors are kept clean.
- Exposed combustibles are not located on the opposite side of partitions, walls, ceilings or floors.
- Fire watches, where required, are assigned.
- Approved actions have been taken to prevent accidental activation of fire protection system equipment in accordance with Sections 3504.1.8 and 3504.1.9.
- Fire extinguishers and fire hoses (where provided) are operable and available.

Persons Responsible or N/A:

Fire Watch: The sole duty of fire watch personnel shall be to watch for the occurrence of fire during and after hot work operations. Individuals designated to fire watch duty shall have fire extinguishing equipment readily available and shall be trained in the use of such equipment. Personnel assigned to fire watch shall be responsible for extinguishing spot fires and communicating an alarm. Hot work conducted in areas with vertical and horizontal fire exposures that cannot be observed by a single individual shall have additional personnel assigned to fire watches to ensure that all exposed areas are monitored.

Person(s) Responsible or N/A:

Post-Work Inspection: The fire watch shall be maintained a minimum of 30 minutes after the conclusion of the work to look out for leftover sparks, slag or smoldering combustibles.

Person(s) Responsible or N/A:

Weather: On red flag declared fire days (due to temperature, humidity and/or wind conditions), hot work operations shall be curtailed, and the fire watch shall be extended through the night.

Person(s) Responsible or N/A:

Special Equipment

Motorized Equipment: Identify any motorized equipment, including internal-combustion-powered construction equipment on the safety plan or reference approved plan. Motorized equipment during construction shall comply with CFC 3317.

Plan/Solution or N/A:

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Asphalt and Tar Kettles: Show on the site safety plan or reference sheet on approved plans the location of asphalt kettles. Asphalt kettles shall comply with CFC 3318 and NFPA 241, 9.2

Plan/Solution or N/A:

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Daily Fire Safety Inspection

The site safety director shall be responsible for completion of a daily fire safety inspection at the project site. Each day, all building and outdoor areas shall be inspected to ensure compliance with the inspection list in this section. The results of each inspection shall be documented and maintained on-site until a certificate of occupancy has been issued. Documentation shall be immediately available on-site for presentation to the fire code official upon request.

- Any contractors entering the site to perform hot work each day have been instructed in the hot work safety requirements in CFC Chapter 35, and hot work is performed only in areas approved by the site safety director.
- Temporary heating equipment is maintained away from combustible materials in accordance with the equipment manufacturer's instructions.
- Combustible debris, rubbish and waste material is removed from the building in areas where work is not being performed.
- Temporary wiring does not have exposed conductors.
- Flammable liquids and other hazardous materials are stored in locations that have been approved by the site safety director when not involved in work that is being performed.
- Fire apparatus access roads required by CFC Section 3311 are maintained clear of obstructions that reduce the width of the usable roadway to less than 20 feet.
- Fire hydrants are clearly visible from access roads and are not obstructed.
- The location of fire department connections to standpipe and in-service sprinkler systems are clearly identifiable from the access road and such connections are not obstructed.
- Standpipe systems are in service and continuous to the highest work floor, as specified in CFC Section 3313.1.
- Portable fire extinguishers are available in locations required by CFC Sections 3316 and 3318.3.

CHECK LIST TEMPLATE

for

Daily Fire Safety Inspection

(2022 California Fire Code, NFPA 241)

Inspector: _____
Project Name: _____

Date: _____
Permit Number: _____

This checklist is to be used by the Site Safety Director when performing a daily fire safety inspection as required in the 2022 California Fire Code (CFC) Chapter 33. Per CFC Section 3303.3.1, upon the third offense, the fire code official is authorized to issue a stop work order in accordance with CFC Section 113.

Daily Fire Inspection Items:	Complies	Violation	N/A
1. Any contractors entering the site to perform hot work each day have been instructed in the hot work safety requirements in Chapter 35, and hot work is performed only in areas approved by the site safety director:			
2. Temporary heating equipment is maintained away from combustible materials in accordance with the equipment manufacturer's instructions:			
3. Combustible debris, rubbish and waste material is removed from the building in areas where work is not being performed:			
4. Temporary wiring does not have exposed conductors:			
5. Flammable liquids and other hazardous materials are stored in locations that have been approved by the site safety director when not involved in work that is being performed:			
6. Fire apparatus roads required by CFC Section 3311 are maintained clear of obstructions that reduce the width of the usable roadway to less than 20 feet wide and/or 13 feet 6 inches clear height:			
7. Fire hydrants are clearly visible from access roads and are not obstructed:			
8. The location of fire department connections to standpipe and in-service sprinkler systems are clearly identifiable from the access road and such connections are not obstructed:			
9. Standpipe systems are in service and continuous to the highest work floor as specified in CFC Section 3314.1 (installed prior to construction exceeding 40 feet):			
10. Portable fire extinguishers are available in locations required by CFC Section 3316 and CFC Section 3318.3: <ul style="list-style-type: none"> At each stairway on all floor levels where combustible materials have accumulated In every storage and construction shed Additional portable fire extinguishers shall be provided where special hazards exist, including but not limited to, the storage and use of flammable and combustible liquids There shall be not less than one multiple-purpose fire extinguisher with a minimum 3A 40B:C rating on the roof being covered or repaired during roofing operations 			
Notes:			