



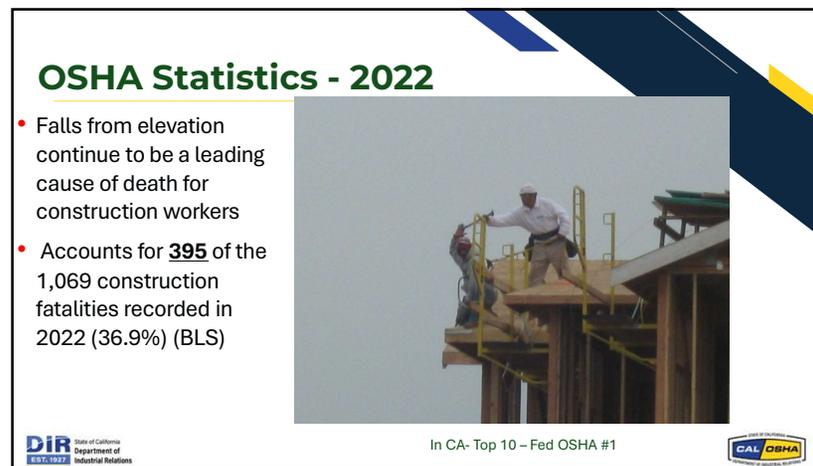
STATE OF CALIFORNIA
CAL OSHA
DEPARTMENT OF INDUSTRIAL RELATIONS

Fall Protection

Gary McIver, CSP
Senior Safety Engineer
Cal/OSHA Consultation

DIR
EST. 1927

1



OSHA Statistics - 2022

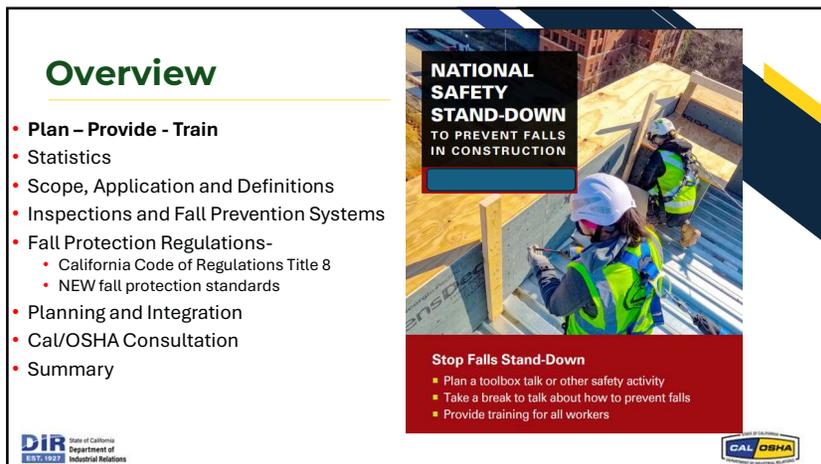
- Falls from elevation continue to be a leading cause of death for construction workers
- Accounts for **395** of the 1,069 construction fatalities recorded in 2022 (36.9%) (BLS)



In CA- Top 10 – Fed OSHA #1

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Overview

- Plan – Provide - Train
- Statistics
- Scope, Application and Definitions
- Inspections and Fall Prevention Systems
- Fall Protection Regulations-
 - California Code of Regulations Title 8
 - NEW fall protection standards
- Planning and Integration
- Cal/OSHA Consultation
- Summary

NATIONAL SAFETY STAND-DOWN TO PREVENT FALLS IN CONSTRUCTION

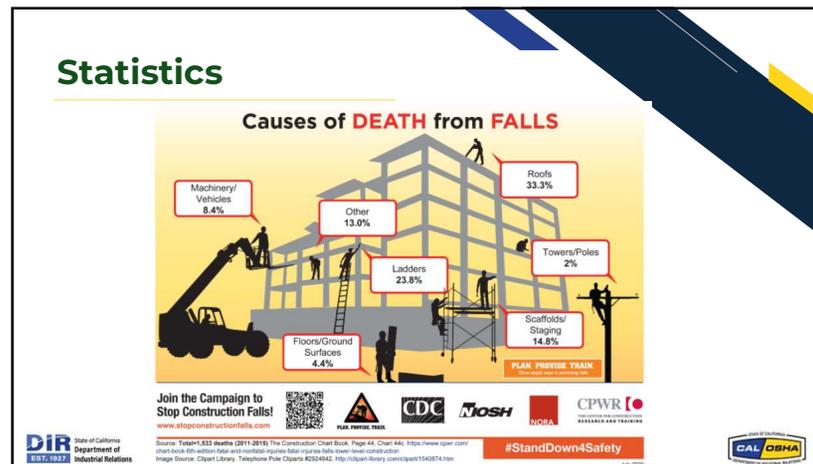


Stop Falls Stand-Down

- Plan a toolbox talk or other safety activity
- Take a break to talk about how to prevent falls
- Provide training for all workers

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Statistics

Causes of DEATH from FALLS

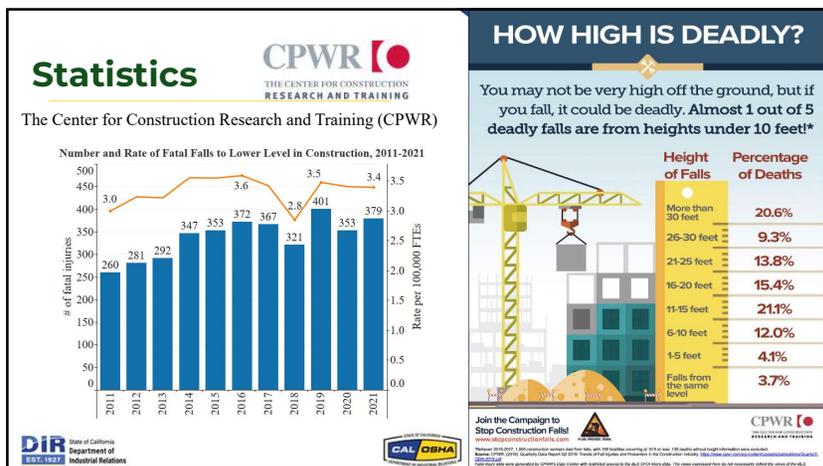
| Category | Percentage |
|------------------------|------------|
| Roofs | 33.3% |
| Ladders | 23.8% |
| Floors/Ground Surfaces | 4.4% |
| Machinery/Vehicles | 8.4% |
| Other | 13.0% |
| Towers/Poles | 2% |
| Scaffolds/Staging | 14.8% |

Join the Campaign to Stop Construction Falls!
www.stopconstructionfalls.com

Source: Total=1,833 deaths (2011-2016) The Construction Chart Book, Page 44, Chart 44b. <https://www.dir.ca.gov/chartbook> 8th edition fatal and nonfatal injuries total in pre-falls lower level construction
Image Source: Clipart Library, Telephone Pole Charts #224542, <http://clipart-library.com/clipart/1540274.html>

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Scope and Applications

§1671.1. Fall Protection Plan

(a) This section **applies** to all construction operations when it can be shown that the use of conventional fall protection is impractical or creates a greater hazard

§1716.2. Wood and Light Gage Steel Frame Construction, Residential/Light Commercial.

(a) **Scope and Application.**

This section applies to work directly associated with the framing of new buildings or structures using the operations, methods, and procedures associated with residential-type framing activities, i.e., joists or trusses resting on stud walls

This is Changing!!!

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Scope and Applications

§1502. Application.

(a) These Orders establish minimum safety standards whenever employment exists in connection with the construction, alteration, painting, repairing, construction maintenance, renovation, removal, or wrecking of any fixed structure or its parts. These Orders also apply to all excavations not covered by other safety orders for a specific industry or operation

(b) At construction projects, these Orders take precedence over any other general orders that are inconsistent with them, except for Tunnel Safety Orders or the Pressurized Worksite Standards in Article 154 of the General Industry Safety Orders

(c) Machines, equipment, processes, and operations not specifically covered by these Orders shall be governed by other applicable general Safety Orders

Division 1. Department of Industrial Relations
Chapter 4. Division of Industrial Safety

Subchapter 4. Construction Safety Orders

[Return to index](#)
[New query](#)

Article 1. Introduction (Sections 1500 - 1503)
Article 2. Definitions (Sections 1504 - 1505)
Article 3. General (Sections 1508 - 1527)
Article 4. Dusts, Fumes, Mists, Vapors, and Gases (Sections 1528 - 1537)

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Scope and Applications

Misc. Construction- 1670
Roofing – 1730, 1731
Scaffolding – 1637-47
Framing – 1712.1,.2
Steel Erection – 1710
Elevating Equipment (scissor lifts, aerial devices and industrial trucks)- 3646, 3648, 3657
General Industry Safety Order (GISO)

Find what applies to your workplace!

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Definitions: 1504



- **Competent Person:** One who can identify existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them
- **Hole:** Any opening in a floor or platform, which is smaller than an opening
- **Leading Edge:** The edge of a floor, roof, or formwork for a floor or other walking/working surface (such as the deck) which changes location as additional floor, roof, decking, or formwork sections are placed, formed, or constructed. A leading edge is considered to be an "unprotected side and edge" during periods when it is not actively and continuously under construction
- **Opening:** An opening in any floor or platform, **12 inches** or more in the least horizontal dimension. It includes stairway floor openings, ladderway floor openings, hatchways and chute floor openings




9

Plan: Misc. Construction 1670 -Rescue Plans?

- (b)(14)-The employer shall provide for prompt rescue of employees in the event of a fall or shall assure that employees are able to rescue themselves
 - + **Suspension trauma straps**
 - + **Harnesses with built in saddles**
 - + **Using fall protection and working alone?**






11

Definitions: 1504



- **Qualified Person:** A person designated by the employer who by reason of training, experience or instruction has demonstrated the ability to safely perform all assigned duties and, when required, is properly licensed in accordance with federal, state, or local laws and regulations
- **Personal Fall Arrest System:** A system used to arrest an employee in a fall from a working level. It consists of an anchorage, connectors, a body belt or body harness and may include a lanyard, deceleration device, lifeline, or suitable combinations of these. As of January 1, 1998, the use of a body belt for fall arrest is prohibited
- **Wall opening:** A gap or void 30 inches or more high and 18 inches or more wide, in a wall or partition, through which employees can fall to a lower level




10

Misc. Construction 1671.1 (a)-Fall Protection Plans

- Fall Protection Plan
- (a) This section applies to all construction operations when it can be shown that the use of conventional fall protection is impractical or creates a greater hazard

Fall Protection Policy – YES!

Fall Protection Plan is only needed when traditional fall protection is infeasible or creates a greater hazard.





12

Misc. Construction Solar Panels – 1670 (a)



13

Misc. Construction Slopes – 1670 (a)



- (a) Approved personal fall arrest, personal fall restraint or positioning systems ...worn...fall in excess of 7 1/2 feet...
- surfaces steeper than 7:12, or other
- sloped surfaces steeper than 40 degrees



15

Misc. Construction Solar Panels – 1670 (a)

- 1670 (a) – 7 1/2 feet
- Short duration – 1669 (c) apply?

Worked with Solar Panel Installers?

NOT ROOFING!



14

Steel Erection - 1710

- 15' Erecting
- 30' Connecting



16

Residential Framing: 1716.2

****Effective July 1, 2025****
 Changing from 15' to 6': When Fall Protection is required

- (a) Scope and Application.** This section applies to work directly associated with the **framing of new buildings or structures** using the operations, methods, and procedures associated with residential-type and light commercial framing activities, **i.e., joists or trusses resting on stud walls.**

6 feet!!!

Read it!





17

Residential Framing: 1716.2

Effective July 1, 2025
 Changing from 15' to 6': When Fall Protection is required

1. Preplanning each house to determine means and methods of fall protection
2. Nets are not a viable option. Require more than 25' fall.
3. Fall Protection Plan is enticing, but not really possible because of the technology. Cost is not a consideration.
4. Many of the builders build the same houses type. So they need to evaluate each house before construction starts (see item 1).
5. Managers need to talk to the crew foreman to develop plan. Get their input and buy in.
6. Additional training on ladders, use of horse scaffolding and nail guns (use more near head).
7. Main problem area is first floor interior. The exterior can be protected by metal scaffolding or bracket scaffolding.
8. Bracing of walls will have to be planned out more so they do not get in the way of ladders and scaffolding being used.

6 feet!!!

Read it!





19

Residential Framing: 1716.2

****Effective July 1, 2025****
 Changing from 15' to 6': When Fall Protection is required

- (b) Definitions.***** (7) Residential-type Framing Activities.** For the purposes of this section, **residential-type framing activities include:**
 - installation of floor joists,
 - floor sheathing,
 - layout and installation of walls,
 - hanging and nailing of shear panels,
 - setting and bracing roof trusses and rafters,
 - installation of starter board,
 - roof sheathing, and fascia board;
 - installation of windows, siding and exterior trim

Residential-type framing activities includes framing of commercial structures that use traditional wood frame construction materials and methods.

6 feet!!!

Read it!





18

Roofing-Residential CCR, T8, 1723-1731

Residential-type roofing activities. Roofing work consists of roofing and re-roofing work, including roof removal performed on single-family homes, townhouses, duplexes and other structures covered by Section 1716.2. Roofing work also includes loading and installation of roofing materials, including related insulation, sheet metal that is integral to the roofing system, and vapor barrier work, but does not include the construction of the roof deck.



**Current Title 8
(15' and 20')**

→



**Effective 7/1/25
(6')**

6 feet!!!




20

Roofing CCR, T8, 1723-1731



- Application - 1723 (a)-The Orders contained in this Article are intended to apply to employees engaged in the **removal or application of:**



20 feet (Commercial)



20 feet (Residential)



15 feet (Tract Homes)

6'

Current Title 8 (15' and 20')



21

Roofing-Residential CCR, T8, 1723-1731

NEW 1731:

(e) For the purposes of this section, the employee's fall height measurement shall be determined by measuring the **vertical distance from the employee's walking/working surface to the ground or level below**. The height of parapets shall not be included in the roof height measurement.



23

Roofing-Residential CCR, T8, 1723-1731

NEW 1731:

Scope: This section shall apply only to **residential-type** roofing activities

Residential-type roofing activities. Roofing work consists of **roofing and re-roofing** work, including roof removal performed on single-family homes, townhouses, duplexes and other structures covered by Section 1716.2. Roofing work also **includes loading and installation of roofing materials, including related insulation, sheet metal that is integral to the roofing system, and vapor barrier work, but does not include the construction of the roof deck.**



22

Roofing-Residential CCR, T8, 1723-1731



- a. 23 feet
- b. 18 feet
- c. 7 feet

- Protection required?
- Pre July 1, 2025
- Post July 1, 2025?



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Roofing-Residential CCR, T8, 1723-1731

NEW 1731:

(c) Fall Protection for Roofing Work. (1) Roof slopes 0:12 up to and including 7:12. Employees shall be protected from falling when on a roof surface where the employee fall distance is **6 feet or more above the grade or level below**



7/12 pitch




25

Roofing CCR, T8, 1723-1731



• **Application - 1723 (a)**-The Orders contained in this Article are intended to apply to employees engaged in the removal or application of:

- Single-unit
- Multiple-unit

6' if \leq 7/12

any height if $>$ 7/12

| | | |
|--|---|---|
|  2/12 pitch |  4/12 pitch |  5/12 pitch |
|  6/12 pitch |  7/12 pitch |  8/12 pitch |
|  9/12 pitch |  10/12 pitch |  12/12 pitch |




27

Roofing-Residential CCR, T8, 1723-1731

(2) Roof slopes steeper greater than 7:12: Employees shall be protected from falling by methods prescribed in Subsections (c)(1)(A), (B), (C), or (E) regardless of height.

any height if $>$ 7/12

| | | |
|--|---|---|
|  2/12 pitch |  4/12 pitch |  5/12 pitch |
|  6/12 pitch |  7/12 pitch |  8/12 pitch |
|  9/12 pitch |  10/12 pitch |  12/12 pitch |




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Scaffolding (1637-1672)

?

- 7 ½ feet guardrails
- Access






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Elevating Equipment

Scissor lift (3646)(3328)





Aerial Device (3648 (o))

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Planning Needs Assessment

- Who bids the jobs? How?
- Type of work-roofing, framing, steel erection, painting, gutter installation, satellites, cable, HVAC, solar panels,...?
- Work Area known?
- Requirements?
- Fall Hazards?
- Plan?
- Integrate?
- Train?
- Implement?
- Review and Culture and Mission



1670(b)(19): Each personal fall arrest system shall be inspected not less than twice annually by a **competent person** in accordance with the **manufacturer's recommendations**. The date of each inspection shall be documented.

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Elevating Equipment

THE RIGHT LENGTH LANYARD WILL PROTECT WORKERS IN A FALL

Employers, do the math. Example Below.



You can not use a system that allows you to hit the ground!

Join the Campaign to Stop Construction Falls!

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Planning Needs Assessment

Plan - before work begins
Provide - equipment and tools
Train - people to do their job: look out for others

Do not fail to plan and cause the exposed to pay the price!!!

Join the National Safety Stand-Down To Prevent Falls in Construction

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Planning Needs Assessment

- **Pre-Planning** each job is key to success
- If you have same house, you can use same plan
- General Contractor is also Responsible (Multi-employer worksites)
- Put it in the contracts
- Change of process may be required
- Create safe solutions by engaging crew for best solutions

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Potential Solutions

Go find it!

35

Planning Needs Assessment

Can we use a Safety Net?

1671(a): Where the elevation is **25 feet or more above the ground**, water surface, or continuous floor level below, and when the use of personal fall arrest systems, personal fall restraint systems, positioning device systems or more conventional types of protection are clearly impractical...

34

Potential Solutions

Go find it!

36

Potential Solutions?



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Potential Solutions

Aluminum (light) Scaffolding (Permitters)



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Potential Solutions

Bracket Scaffolding (Permitters)



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Potential Solutions

Temporary Guardrails (Interior)



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Equipment

Go find it!




| | | | | | | | |
|--|---|---|---|--|--|--|---|
| | | | | | | | |
| Miller Confined Space Safety... ULINE \$135.00 | 3M DBI-SALA Trauma Safet... ULINE \$57.00 | Miller H500 Safety Harnes... ULINE \$110.00 | 3M DBI-SALA ExoFit Safety... ULINE \$395.00 | Miller Standard H100 Safety... ULINE \$60.00 | Miller AirCore Deluxe Safety... ULINE \$435.00 | MONSOON 4D-Ring Safety... kwiksafety.com \$176.70 ca Free by 3/15 | Petzl VOLT International... GME Supply C... \$209.95 ca Free by 3/12 |

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Inspections and Systems Edge Protection

To be compliant with ANSI Z359.14, a self-retracting lifeline (SRL) - Leading edge (LE) must have an integrated shock absorber and be rated by the manufacturer to be used in LE applications. In extensive product testing, Guardian has also made the determination that SRL-LEs must have a galvanized steel lifeline, since lifelines made from web or rope are too susceptible to damage



Do you have the right equipment?

SRL-LE = Self Retracting Lifeline - Leading Edge

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Inspections and Systems Edge Protection

(a) **Approved** personal fall arrest, personal fall restraint or positioning systems shall be worn by those employees whose work exposes them to falling in excess of 7 1/2 feet from the:

- perimeter of a structure,
- unprotected sides and edges,
- leading edges,
- through shaftways and openings,
- sloped roof surfaces steeper than 7:12, or
- other sloped surfaces steeper than 40 degrees not otherwise adequately protected under the provisions of these Orders

1670(l) All personal fall arrest, personal fall restraint and positioning device systems purchased or placed in service after February 1, 1997, shall be labeled as meeting the requirements contained in **ANSI A10.14-1991** American National Standard for Construction and Demolition Use, or **ANSI Z359.1-1992** American National Standard Safety Requirements for:

- Personal Fall Arrest Systems,
- Subsystems and
- Components

Do you have the right equipment?

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Inspections and Systems Edge Protection

- Non-Edge SRL
- 250 lbs. weight
- 6' person
- 20' platform
- Cut steel lifeline



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Inspections and Systems Edge Protection

- Non-Edge SRL
- 250 lbs. weight
- 6' person
- 20' platform
- Cut steel lifeline



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Inspections and Systems

Activation Date

Typically, the date of manufacture on a product or the date of purchase is used to help determine when a product is due for inspection. The date of the products first use can also be used as an activation date



Fall Protection Experts



Technical Bulletin

No. MSC002, Rev. E

Subject: Product Life
Date: February 1998

The current DIB/SALA policy on the life of products is totally dependent on the condition of the item and not the age. A DIB/SALA product can be used as long as the inspection performed does not reveal any damage, wear, or other characteristics that will affect the product's performance.

The inspection of the product shall be performed according to details outlined in the user instruction manual on the specific product as well as other applicable information provided by DIB/SALA. The frequency of inspections to determine the usability of the product shall be as follows:

1. Inspect before each use (by user).
2. Monthly (by competent person other than user) (for winches, RPD's, Rescumatics, tripods, davit arms) (recorded).
3. Annually (by competent person other than the user) (recorded).

The activation date is defined as the time when a product is first put into actual service (initially or after service/repair)

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Inspections and Systems

- 1670(b)(15) Personal fall arrest systems shall be inspected prior to each use...
- 1670(b)(19) Each personal fall arrest system shall be inspected not less than twice annually...manufacturer's recommendations. The dates... document

*How do you document inspections?
Check the inspections!*




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Inspections and Systems



Know your equipment!

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Inspections and Systems

Red tab means impacted and must be removed!

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Inspections and Systems

You just saved a life!

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Inspections and Systems

Notice anything?

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Inspections and Systems

- Find manual on inspections and show what it says

Miller AirCore[®] Oil & Gas Harness
User Instruction Manual Supplement

3M DELTA[®] FULL BODY HARNESS
USER INSTRUCTIONS
9908232 Rev. Q

| Model | Weight | Material | Attachment |
|-------|--------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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Inspections and Systems



INSPECTION FORM
Self-Retracting Lifelines

Manufacturer: _____
Model #: _____
Serial #: _____
Lot #: _____
Date of Manufacture: _____

GUARDIAN
+1 800 496 6365
www.guardianfall.com

Labels & Markings

- Labels (Printed & Legible)
- Appropriate ANSI/OSHA/CSA Markings
- Inspections are Current / Up-to-Date
- State of PPE Use

Shock Pack

- Cover / Shock Tube (Crack / Cut or Rusted)
- Damage / Fraying / Broken Stitching
- Impact Indicator (Signs of Displacement)

Housing

- Connection Point Moves
- Nuts / Bolts / Screws
- Evidence of Damage (Cracks/Corrosion)

Lifeline

- Termination (Hooks, Splices, or Straps)
- Cuts / Fraying / Broken Stitching
- Excessive Wear
- Cable Supporting / Sink-Cupping
- Entire Length Retracts Sensibly
- Test Strapping / Latching Function

Connectors

- Connector (Self-Closing & Locking)
- Carabiner Body / Hooks
- Condition
- Fitting / Nicks

Owner / Company: _____
Name of Inspector: _____
Signature: _____
Date of Inspection: _____
In-Service Date: _____

Check Form

Guardian Training
607 East South Houston Parkway South Suite 200
Pasadena, TX 77661-2004

HBRT SAFETY.
SIMPLIFIED.
guardianfall.com

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Trigger Heights

| Type of Work | Trigger Height | T8 Reference |
|---|---------------------------|-----------------|
| Aerial Device | 0 | 3648(o) |
| Building structures (GISO) | 30" | 3210(a) |
| Framing (CSO) | 15' changing to 6' | 1716.1., 1716.2 |
| Other elevated locations (GISO) | 4' | 3210(b) |
| Roofing Commercial | 20' | 1730 |
| Roofing Residential | 20' changing to 6' | 1731(c) |
| Scaffolding | 7 1/2' | 1644 |
| Steel Erection (Connecting) | 15' | 1710 |
| Tree Work (GISO) | 0 | 3427 (a) |
| Unprotected edges, HVAC, Painting, Solar Panels, Electrical (CSO) | 7 1/2' | 1670 |
| Wall openings (CSO) | 4' | 1632 |



Standards Board

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Tools and Technologies

- NIOSH Ladder App
- Fall protection companies' industry specific equipment and tools
- Visit their web sites!













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Fall Protection Trigger Heights

Fall Protection in Residential Construction



CONSTRUCTION SAFETY ORDERS.
Sections 1671.1, 1716.2, 1730 and 1731 *

| Status | Date |
|-----------------------------------|-------------------------------|
| Public hearing: | Jan. 18, 2024 |
| 45-day comment period: | Dec. 1, 2023 - Jan. 18, 2024 |
| 15-day Notice comment period: | Apr. 5, 2024 - Apr. 22, 2024 |
| 2nd 15-day Notice comment period: | Jun. 26, 2024 - Jul. 15, 2024 |
| Filed with Secretary of State: | Nov. 26, 2024 |
| Effective date: | Jul. 1, 2025 |

Rulemaking Documents

- Notice / Informative digest
- Proposed regulation → **Proposed Regulation**
- Initial statement of reasons
- 15-day Notice of proposed modifications
- 2nd 15-day Notice of proposed modifications
- Final statement of reasons *Revised per OAL*
- Text for Board consideration
- Text approved by OAL

NEW Regulation

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Poll Question



- Why do workers not wear fall protection?

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Planning and Integration

Does Health and Safety have a seat at the table?



- Integrated fall protection anchor in the concrete ceiling
- Inset pieces next to loading areas, fall hazards
- Required planning and safety integrated

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Planning and Integration

Safety voice at the table?

- Accident Investigation
- Tell the story
- Owner changed skylights
- Poor Planning
- Failure to protect
- Failure to provide
- Not a cover
- Subcontractor employee fell through
- Lost both legs



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Cal/OSHA Consultation

- Free service to the employer community
- No fines, penalties, or citations
- We do not share our findings with Cal/OSHA Enforcement
- Confidential
- Employer will receive a **written report** summarizing our evaluation
- The written report is not a citation



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Why Partner with Cal-OSHA Consultation?

- Cal-OSHA Consultation beneficial?
- Experienced Staff
- Survey of employers Consultation On-Sites
- Within 4 years the Experience Modification were reduced by approximately 25%-We help employers reduce injuries and thus costs

Trust Cal-OSHA Consultation

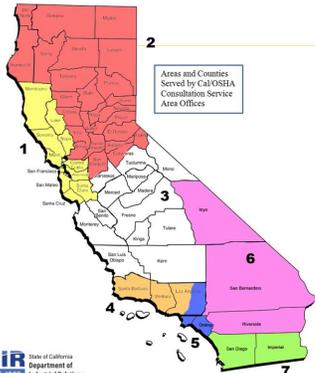


Consultation Services






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Area and Counties Served by Cal-OSHA Consultation Service Area Offices

| Program Manager | Regional Manager |
|---|---|
| Eugene Glendenning | Patrick Corcoran |
| 1. San Francisco Bay Area | |
| Manager: Nick Gleiter OaklandConsultation@dir.ca.gov | 1515 Clay Street, Suite 1103 Oakland, CA 94612 (510) 622-2891 |
| 2. Northern California | |
| Manager: Michele Grubbs Saccon@dir.ca.gov | 1750 Howe Avenue, Suite 490 Sacramento, CA 95825 (916) 263-0704 |
| 3. Central Valley | |
| Manager: Darrin Stephens Fresnoconsultation@dir.ca.gov | 2550 Mariposa Mall Room 2005 Fresno, CA 93721 (559) 445-6800 |
| 4. San Fernando Valley | |
| Manager: Carla Slepak SFVConsultation@dir.ca.gov | 6150 Van Nuys Boulevard, Suite 307 Van Nuys, CA 91401 (818) 901-5754 |
| 5. Los Angeles, Orange | |
| Manager: Ji Young Oh Lapalmaconsultation@dir.ca.gov | 1 Centerpointe Drive, Suite 150 La Palma, CA 90623 (714) 562-5525 |
| 6. San Bernardino | |
| Manager: Mary Sawasaki SanBenConsultation@dir.ca.gov | 464 W. 4th Street, Suite 339 San Bernardino, CA 92401 (909) 383-4567 |
| 7. San Diego | |
| Manager: Carmen Cisneros SanDiegoconsultation@dir.ca.gov | 7575 Metropolitan Drive, Suite 204 San Diego, CA 92108 (619) 787-2060 |




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Links and Sources

- **Title 8 Search:** <https://www.dir.ca.gov/samples/search/query.htm>
- **Cal/OSHA P&P Manual:** <https://www.dir.ca.gov/samples/search/queryppn.htm>
- **Cal/OSHA Publications List:** <https://www.dir.ca.gov/dosh/puborder.asp>
- **OSHA Establishment Search:** <https://www.osha.gov/ords/imis/establishment.html>
- **CDPH FACE Reports and Videos:** <https://www.cdph.ca.gov/Programs/CCDC/PHP/DEODC/OHB/FACE/Pages/Publications.aspx#>
- **OSHA Fatality Data:** <https://www.osha.gov/fatalities>
- **Cal/OSHA Standards Board:** <https://www.dir.ca.gov/oshsb/oshsb.html>
- **Cal/OSHA Appeals Board:** <https://www.dir.ca.gov/oshab/oshab.html>




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Summary

- **Plan:** time, resources, systems, educate and relationships
- **Provide:** systems, time, resources, relationships and educate
- **Train:** resources, time, relationships educate and systems

Tell your Story!





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Thank you!
Contact me with questions and ideas

Gary McIver
gmciver@dir.ca.gov
(916) 390-3024



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Stop Falls! Plan - Provide - Train

- Falls are the #1 cause of death in construction.
- Falls can be prevented!

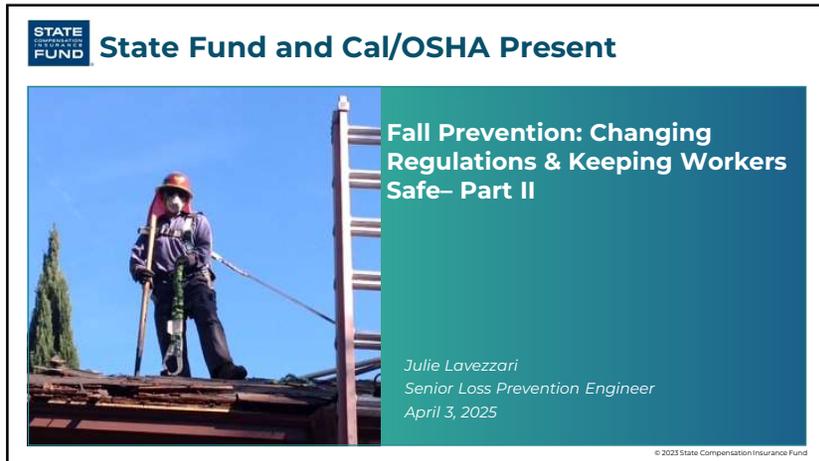
Falls can be prevented:
PLAN ahead to get the job done safely.
PROVIDE the right equipment.
TRAIN everyone to use the equipment safely.



osha.gov/stopfalls

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State Fund and Cal/OSHA Present

Fall Prevention: Changing Regulations & Keeping Workers Safe- Part II

Julie Lavezzari
Senior Loss Prevention Engineer
April 3, 2025



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Is this worker protected from falling?



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STATE COMPENSATION FUND

National Stand-Down: Why Focus on Falls?

- Falls are the #1 cause of death in construction.
- Falls can be prevented!



CPWR Publications



THE RIGHT LENGTH LANYARD WILL PROTECT WORKERS IN A FALL
Employers, do the math. Example Below.

BEFORE FALL | MID-FALL (Pre-Harness Elongation) | AFTER FALL | ANCHOR POINT

5 ft Length of Lanyard

3.8 ft Deceleration Distance

1 ft Harness Elongation

17.5 ft Total Clearance Distance From Anchor

5 ft 6 ft Swing to Bottom of Foot

2 ft Safety Factor

GROUND OR NEAREST OBSTRUCTION

PLAN, PROVIDE, TRAIN

Join the Campaign to Stop Construction Falls!
www.stopconstructionfalls.com

CPWR Publications

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STATE COMPENSATION FUND

National Stand-Down: Who Can Participate?

- Anyone can participate, even non-construction companies!
 - All 50 states and internationally
- Participation is easy!
- Small and large companies can participate



NSC Resources



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STATE COMPENSATION FUND

National Stand-Down: What is it?

- Voluntary event for employers to talk directly to employees about safety
- Held annually and was started by OSHA
- May 5-9, 2025

Join the National Campaign to Prevent Falls



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National Stand-Down: Who Can Participate?

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STATE COMPENSATION FUND **National Stand-Down: Small Company?**

Small Contractors Resources

Save Your Company Time and Money by PREVENTING FALLS. Click on the links below to find free tools and materials to help you plan, provide, and train:

Anyone can participate!



| Plan | Provide | Train |
|--|--|---|
| <p>Click here for resources to plan ahead to prevent falls on your jobsite.</p> <p>RESCUE PLANNING SAVES LIVES</p> <p>"Plan" Highlighted Resource: Rescue Planning Saves Lives (English, Español). Use this tip sheet to learn about the importance of rescue planning and how to create a plan.</p> | <p>Click here for resources to provide the right tools and equipment on the job.</p> <p>CPWR PERSONAL PROTECTIVE EQUIPMENT FOR WOMEN CONSTRUCTION WORKERS</p> <p>"Provide" Highlighted Resource: Personal Protective Equipment for Women Construction Workers (English). Find information about fall protection in extended, adjustable, and tailored sizes.</p> | <p>Click here for resources to train workers on equipment and work practices.</p> <p>Foundations for Safety Leadership for Residential Construction (FSL4RC)</p> <p>"Train" Highlighted Resource: Foundations for Safety Leadership for Residential Construction (FSL4RC) (English). Equip/Equip/Equip. Train your crew on safety leadership with this interactive program.</p> |

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STATE COMPENSATION FUND **How to Prepare for a Successful Stand-Down**

- Start early! Designate a coordinator
- Who can you involve?
- Consider reviewing your fall prevention policies



Infographics - CPWR
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STATE COMPENSATION FUND **National Stand-Down: Certificate of Participation**



Apply after your Stand-Down event!



CERTIFICATE OF RECOGNITION
X YEAR PARTICIPANT

The Occupational Safety and Health Administration recognizes
Your Company Name
Project Title

for participating in the OSHA
2023 National Safety Stand-Down to Prevent Falls in Construction

OSHA
Occupational Safety and Health Administration

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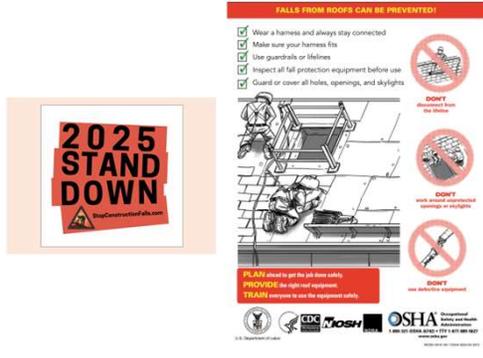
STATE COMPENSATION FUND **Promote Your Stand-Down Event**

- Tools to help you organize and promote
- Social Media Guide
- Promotes a positive safety culture
 - Employees
 - Customers
 - Insurance

Tell your own story or experience!



Success Stories - CPWR



FALLS FROM ROOFS CAN BE PREVENTED!

- Wear a harness and always stay connected
- Make sure your harness fits
- Use guardrails or lifelines
- Inspect all fall protection equipment before use
- Guard or cover all holes, openings, and skylights

DO NOT

- Work from the edge
- Walk on unstable surfaces or scaffolding
- Use defective equipment

PLAN always get the job done safely.
PROVIDE the right fall equipment
TRAIN everyone to use the equipment safely.

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STATE FUND **National Stand-Down: Hard Hat Stickers**

FREE Promotional Safety Items




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STATE FUND **State Fund Safety Services**



Industry-leading Safety Services

- Onsite Loss Prevention Services
- Ergonomics
- Industrial Hygiene
- Safety Support Unit

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STATE FUND **Free Safety and Health Resources**



Accessing our safety resources is easy!

- ✓ Go to SafeAtWorkCA.com
- ✓ Explore our **Safety Resource Center**
- ✓ "Ask the Expert"
- ✓ Contact our **Safety Support Unit** at SafetySupport@scif.com



State Fund Safety Resource Center

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STATE FUND **Online Safety Tools**




State Fund's IIPP BuilderSM

Free to All California Employers
Online tool to help you create a safety program for your business




State Fund's Online Safety UniversitySM

Free Safety Training for State Fund Policyholders
Occupational safety training with access to an easy-to-use learning management dashboard

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STATE COMPENSATION INSURANCE FUND **Safety and Health Campaigns**



Be their HERO
get home safe

Fall Prevention 

Safety Culture 

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STATE COMPENSATION INSURANCE FUND **Thank You**

For all your safety resources please visit
SafeAtWorkCA.com



For more information:
www.safeatworkca.com
www.statefundca.com

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STATE COMPENSATION INSURANCE FUND **Safety Equipment Grants Program**



Safety Equipment Grant FAQs 

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STATE COMPENSATION INSURANCE FUND **Questions?**

Link to Fall Prevention survey 



Your feedback is valued and used for future outreach.
Thank you for your time!

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