September 14, 2020

OSHA/AGC National Falls Stand-Down Virtual Kick-Off Event
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National Safety Stand-Down to Prevent Falls AGC Kickoff Event

Scott C. Ketcham MPA, CSP
Director, Directorate of Construction
The goal of the stand-down is to help ensure every worker returns home safely by:

- raising awareness of fall hazards,
- sharing how to prevent fatalities and injuries related to falls, and
- eliminating FALLS – because they are preventable
Virtual/Small Group Stand-Downs

- The COVID-19 Pandemic has caused us to change the way we do stand-downs from years past.

- OSHA is now encouraging employers to promote fall safety while holding their stand-downs virtually or while employing social distancing practices among small groups.

www.osha.gov/coronavirus
For all workers, regardless of specific exposure risks:

- Implement physical distancing to maintain at least 6 feet between workers
- Practice good and frequent hand hygiene
- Increased cleaning and disinfecting of common surfaces, tools
- Use of appropriate PPE
- Employers should consider flexible sick leave policies

www.osha.gov/coronavirus
Stand-Down Success

A tremendous success the last six years.

– Thousands of employers and millions of workers reached since 2014.
– Stand-downs have been reported in all 50 states and internationally.
– Small businesses, large corporations, and some of the country’s biggest construction companies have held stand-downs.
– Many non-construction companies have also participated.
Fall Stand-Down Participation 2019

Northern Mariana Islands 3 / 36
GU 17 / 142
PR 4 / 109
Virgin Islands 1 / 290
International 85 / 56,439
Stand-downs like this one are occurring around the world, affording employers and employees opportunities to:

– focus on the fall hazards they face and ways to survive them,
– highlight and address the other safety hazards they face daily, and
– discuss the company’s safety policies, goals and expectations.

It is all about protecting the company’s most valuable asset ... PEOPLE!
Why do we have Stand-Downs?

- The Good news... THEY WORK!!!
  - 14 percent reduction in construction fall fatalities in FY 2018 (320) compared to FY 2017 (366)
  - 46 fewer construction workers lost their lives trying to make a living!

- The Bad news
  - Falls remain the leading cause of death in construction.
  - We know fatalities from falls are preventable!
Top 10 Violations in Construction

1. Fall Protection – General Requirements (1926.501)
2. Scaffolding (1926.451)
3. Ladders (1926.1053)
4. Fall Protection – Training (1926.503)
5. Eye and Face Protection (1926.102)
6. General Safety and Health Provisions (1926.20)
7. Head Protection (1926.100)
8. Specific Excavation Requirements (1926.651)
9. Aerial Lifts (1926.453)
10. Fall Protection Systems Criteria and Practices (1926.502)

SOURCE: OIS
As of 9/30/19
# Top Violations in Fall Protection: FY 2019

<table>
<thead>
<tr>
<th>STANDARD</th>
<th>Conditions Cited</th>
</tr>
</thead>
<tbody>
<tr>
<td>1926.501(b)(13) Residential construction</td>
<td>5,686</td>
</tr>
<tr>
<td>1926.503(a)(1) Provide a training program</td>
<td>2,304</td>
</tr>
<tr>
<td>1926.501(b)(1) Unprotected sides and edges</td>
<td>1,719</td>
</tr>
<tr>
<td>1926.501(b)(10) Roofing work on Low-slope roofs</td>
<td>1,105</td>
</tr>
<tr>
<td>1926.503(b)(1) Certification of training – written</td>
<td>1,015</td>
</tr>
<tr>
<td>1926.501(b)(11) Steep roofs</td>
<td>946</td>
</tr>
</tbody>
</table>

SOURCE : OIS
As of 9/30/19
The actual breakdown of the causes of fatalities on construction sites in 2018 is as follows (numbers are a percentage of the 1,008 total construction-related fatalities that occurred in 2018):

- Falls: 338 (33.5%);
- Struck by object: 112 (11.1%);
- Electrocutions: 86 (8.5%);
- Caught in/between: 55 (5.5%).

Note: These "Fatal Four" were responsible for more than half (58.6%) of the construction worker deaths in 2018, BLS reports. Eliminating the Fatal Four would save 591 workers' lives in America every year.
## Construction Fatal Fall Incidents

### Fatal Fall Incidents in Construction - From one level to another (320)

<table>
<thead>
<tr>
<th>Type of Construction</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roofing</td>
<td>77</td>
<td>23%</td>
</tr>
<tr>
<td>Residential Building</td>
<td>67</td>
<td>20%</td>
</tr>
<tr>
<td>Plumbing and HVAC</td>
<td>24</td>
<td>7%</td>
</tr>
<tr>
<td>Nonresidential Building</td>
<td>20</td>
<td>6%</td>
</tr>
<tr>
<td>Painting and Wall Covering</td>
<td>17</td>
<td>5%</td>
</tr>
<tr>
<td>Heavy and Civil Engineering</td>
<td>16</td>
<td>5%</td>
</tr>
<tr>
<td>Electrical</td>
<td>15</td>
<td>5%</td>
</tr>
</tbody>
</table>

Source: BLS 2018 CFOI Data
## Fall Fatalities

<table>
<thead>
<tr>
<th>Year</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Falls - All Industries</td>
<td>818</td>
<td>800</td>
<td>849</td>
<td>887</td>
<td>791</td>
</tr>
<tr>
<td>Total Falls - Construction</td>
<td>359</td>
<td>364</td>
<td>384</td>
<td>386</td>
<td>338</td>
</tr>
<tr>
<td>Construction Falls to a Lower Level</td>
<td>345</td>
<td>350</td>
<td>370</td>
<td>366</td>
<td>320</td>
</tr>
</tbody>
</table>

Source: BLS Data
A total of 615 work-related fatal falls to a lower level were recorded in 2018, down nearly 14% from 2017.

Of the cases where height of fall was known (504 cases), 45 percent (227) were falls of 15 feet or less.

Slightly more than one in five with known height were from more than 30 feet.

Source: BLS Data
Stand-Down Resources

- **OSHA:**
  - [https://www.osha.gov/StopFallsStandDown/](https://www.osha.gov/StopFallsStandDown/)

- **CPWR:**
  - [http://stopconstructionfalls.com/](http://stopconstructionfalls.com/)

- **NIOSH:**
  - [https://www.cdc.gov/niosh/construction/stopfallscampaign.html](https://www.cdc.gov/niosh/construction/stopfallscampaign.html)
OSHA Safety Videos - Falls in Construction

Leading Edge Work Prevention Videos

Fixed Scaffold Prevention Videos

Floor Opening Prevention Videos

Stopping Falls, Saving Lives

www.osha.gov/video
Stand-Down Resources

Ladder Safety:
Falling Off Ladders Can Kill:
Use Them Safely (English & Spanish)

Additional resources including fact sheets and fatal facts are available at osha.gov/publications.
After the Stand-Down

- Receive a “Certificate of Participation” for holding a stand-down.
  - This is the Secretary of Labor’s way of saying thank you for participating.
  - Go to the stand-down certificate webpage after conducting yours and complete a short survey. Then print your certificate.
  - Share your stand-down experience and pictures with us for possible posting on the OSHA webpage.
Working Together

- Everyone has a role in helping us prevent falls, not just during this fall stand-down campaign, but every day.
- It is through all our combined efforts that we will be successful in reducing fall fatalities and injuries.
- It might only take a few minutes to do a quick job... but it only takes a split second to fall and lose your life!
- It is not worth it! Always think, plan, and practice fall prevention.
- Lets all work to go home every day ... ALIVE, SAFE, and WELL!
Staying Safe During COVID-19

Remember to:

- Stay home if you are sick.
- Wash your hands with soap and water or alcohol-based hand rubs containing at least 60% alcohol.
- Wear a face covering.
- Continue social distancing.
- Avoid sharing equipment and tools.
Mike Greenawalt

Chief Executive Officer
Rosendin Electric
Kevin Cannon

Senior Director, Safety & Health Service
The Associated General Contractors of America
Resources

- **OSHA National Safety Stand-Down to Prevent Falls in Construction**
- Additional Training Opportunities - [https://www.agc.org/StopFallsStandDown](https://www.agc.org/StopFallsStandDown)
- Rosendin Electric Videos
  - [Final Ballistic Dummy Drop Version](https://www.agc.org/StopFallsStandDown)
  - [Trailer for Dummy Drop](https://www.agc.org/StopFallsStandDown)
Questions?