

Construction Update

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**NATIONAL COMMISSION
FOR THE CERTIFICATION
OF CRANE OPERATORS (NCCCO)**



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Agenda

- COVID-19
- Directorate of Construction
- Focus Four
- Inspection Statistics
- Cranes in Construction
 - Statistics
 - Directive Update
- Trench and SUAS Directives
- National Outreach Events



OSHA's Response to COVID-19

- National Emphasis Program (NEP)
 - Effective Date: March 12, 2021
 - Applies to: OSHA Wide Healthcare and Non-healthcare industries
- Emergency Temporary Standard (ETS - Healthcare)
 - Effective Date: June 21, 2021
- Emergency Temporary Standard – (ETS - Vaccination)
 - Issued November 5th, 2021

Emergency Temporary Standard

Visit the OSHA website - www.osha.gov/coronavirus

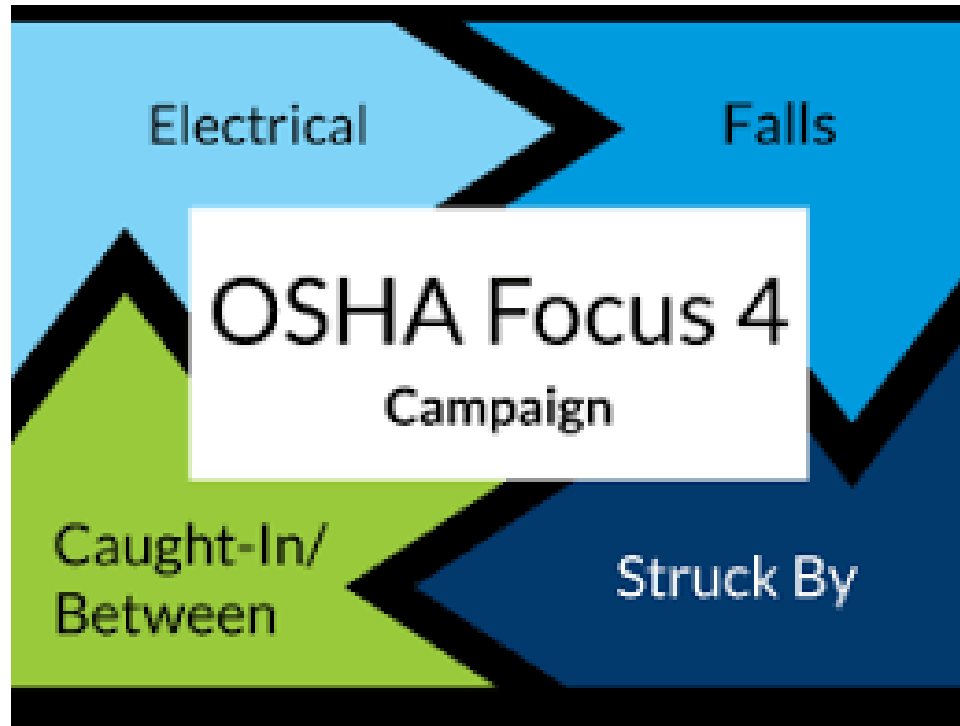
- *Fact Sheets*
- *Compliance assistance materials*
- *FAQs*
- *Enforcement policies and information*
- *Webinar video*

Directorate of Construction

- **OCS (Construction Services)**: Field enforcement assistance, Compliance Assistance, Interpretations, ACCSH
- **OES (Engineering Services)**: Forensic engineering analysis, Structural and Geotechnical Assistance
- **OCSG (Construction Standards and Guidance)**: Develop and promulgate Construction standards; Directives; Interpretations and other guidance products

Focus Four Hazards

- Falls
- Struck-by
- Electrocutions
- Caught-in/between



Construction Focus Four

The actual breakdown of the causes of fatalities on construction sites in 2019 is as follows (numbers are a percentage of the 1,061 total construction-related fatalities that occurred in 2019):

- Falls: 418 (39.3%)
- Struck-by: 90 (8.4%)
- Electrocutions: 79 (7.4%)
- Caught-in/between: 59 (5.5%)

BLS 2019 Data for all Ownerships



www.osha.gov/training/outreach/construction/focus-four

Preventing Focus Four Hazards



<https://www.osha.gov/Publications/OSHA3886.pdf>

- Management Leadership
- Worker Participation
- Hazard Identification & Assessment
- Hazard Prevention & Control
- Education & Training
- Program Evaluation & Improvement
- Communication & Coordination for Employers on Multiemployer Worksites

OSHA OIS Inspection Data

Overall Data (10/1/20 – 9/30/21)

Total Inspections	24,289
Total Violations Issued	31,782
Average “Serious” Penalty	\$5,468
% Serious, Willful, or Repeat	80.63%
% Other-than-Serious	19.33%

OSHA OIS Inspection Data Cont.

Overall Data (10/1/20 – 9/30/21)

Construction	52%
Other Industries	48%
Programmed	10,592
Un-Programmed	13,697
Fatalities/Catastrophes Inspected	1,424
Avg. Hrs/Safety Inspection	22.3
Avg. Hrs/Health Inspection	36.4

OSHA OIS Inspection Data Cont.

Top 10 Violations in Construction (10/1/20 – 9/30/21)

Standard	Total Violations	Serious Violations	Willful Violations	Repeat Violations
1926.501 - Fall Protection	5,177	4,182	153	749
1926.1053 - Ladders	1,976	1,795	7	95
1926.451 - Scaffolding	1,878	1,727	12	70
1926.503 - Fall Protection Training	1,627	1,065	5	121
1926.102 - Eye & Face Protection	1,437	1,262	23	122
1925.100 - Head Protection	807	729	8	47
1926.20 - General S & H Provisions	797	628	6	72
1926.453 - Aerial Lifts	520	470	0	22
1910.651 - Excavation Requirements	503	423	2	27
1926.502 - Fall Protection Systems Criteria & Practices	497	432	3	11

Cranes in Construction



Crane Fatality Data

Year	Totals	Construction Only
2015	24	11
2016	32	18
2017	16	8
2018	23	8
2019	23	N/A
Totals	118	45 (without 2019)
SOURCE : BLS CFOI Data		

Truck-mounted Crane Fatality Data

Year	Totals	Construction Only
2015	5	5
2016	7	4
2017	4	4
2018	5	N/A
2019	7	N/A
Totals	28	13

SOURCE : BLS CFOI Data

OSHA OIS Inspection Data

Top 10 citations for Cranes in Construction (10/1/20 – 9/30/21)

Standard

1926.1427(a) - General requirements for operators – certification

1926.1408(a)(2) - Power lines, determination of radius

1926.1412(f)(1) - 12-month inspection

1926.1417(c)(1) - Applicable procedures within cab – load charts

1926.1425(b) – Keeping clear of the load - fall zone

1926.1408(b)(4) - Power line safety measures – spotter, visual aids

1926.1412(d)(1) - Competent person visual inspections

1926.1424(a)(2) - Swing radius entrance prevention

1926.1425(c)(3) - Materials rigged by qualified rigger

1926.1428(a) - Signal person qualifications

Crane Directive Update

- Amends the existing Cranes and Derricks Directive, CPL 02-01-057
 - Only revises the existing section on Operator Certification
 - Other sections of the directive are unchanged
- Directive does not create any new obligations on employers
- Provides OSHA enforcement personnel with guidance on conducting inspections and policy on citing violations of the standard
 - Although the information in the directive is developed for OSHA enforcement personnel, the guidance and explanation can be helpful for employers

Crane Directive Update Cont.

Directive addresses the following questions regarding enforcement:

- When to initiate an inspection into an operator's training, certification, and evaluation
- How to approach an inspection involving multi-purpose equipment and multi-employer worksites
- How to determine whether the operator has received training that meets the requirements of the standard



Crane Directive Update Cont.

Additional questions addressed by the directive:

- What steps to take when inspecting the certification/license of an operator
- How to address certification concerns such as fraudulent certifications or testing organizations not meeting requirements
- When an employer would need to conduct additional evaluations for an operator



Crane Outreach and Compliance Assistance

- Updated Small Entity Compliance Guide for the Final Rule for Cranes and Derricks in Construction
 - Will provide concise statement of crane operator training, certification, and evaluation requirements
 - Will answer frequently asked questions on certification testing and payment for certification
- Developing FAQ's to address questions OSHA has received:
 - Status of accreditation agencies
 - Evaluations
- Expect the Directive soon (issuance imminent)

Excavation Directive

- OSHA Personnel
 - Training
 - Safety
 - Equipment
- General Inspection Procedures
- Inspection and Citation Guidance



Small Unmanned Aerial System (Drone) Directive

- Collect evidence during compliance inspections in certain workplace settings, including in areas that are inaccessible or pose a safety risk to inspection personnel
- Technical assistance in emergency situations
- Compliance assistance activities
- Training activities



FY2022 OSHA National Outreach Events

- **Stand-Up 4 Grain Safety Week** (March/April 2022)
- **National Work Zone Awareness Week** (April 2022)
- **Fall Prevention Week** (May 2022)
- **Heat Prevention Stand-Down** (May 2022)
- **Trench Safety Stand-Down** (June 2022)
- **Safe + Sound Week** (August 2022)

Protecting Workers' Rights



Workers' Rights

OSHA Publication #3021 - 2018

- Right to File a Complaint with OSHA to Request an On-site OSHA Inspection
- Rights of Workers during an Inspection
- Workers' Rights following Issuance of Citations
- Right to Information if No Inspection is Conducted or No Citation Issued
- Protection against Retaliation, Whistleblower Protection



Continual Updates

- Visit OSHA's website to sign up to receive OSHA information:
 - QuickTakes biweekly newsletter **(287,000+ subscribers)**
 - Tip of the Day **(33,700+ subscribers)**
 - www.osha.gov/contactus
- Follow OSHA on social media
 - Twitter: @OSHA_DOL **(21,500+ followers)**
 - Facebook: Follow the Department of Labor page
- YouTube
 - www.youtube.com/user/USDepartmentofLabor

Questions?



www.osha.gov

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