

National Insulation Association

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Construction Update

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Directorate of Construction,

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Agenda

- New OSHA Leadership
- Directorate of Construction
- OSHA at 50
- COVID-19
- Opioids & Suicide in Construction
- Regulatory Update
- Inspection & Focus Four Statistics
- National Emphasis Programs
- National Outreach Events
- On-Site Consultation Program
- Women in Construction



OTI #3010 – Excavation,
Trenching & Soil Mechanics
Course

New OSHA Leadership



James Fredrick
Principal Deputy Assistant Secretary

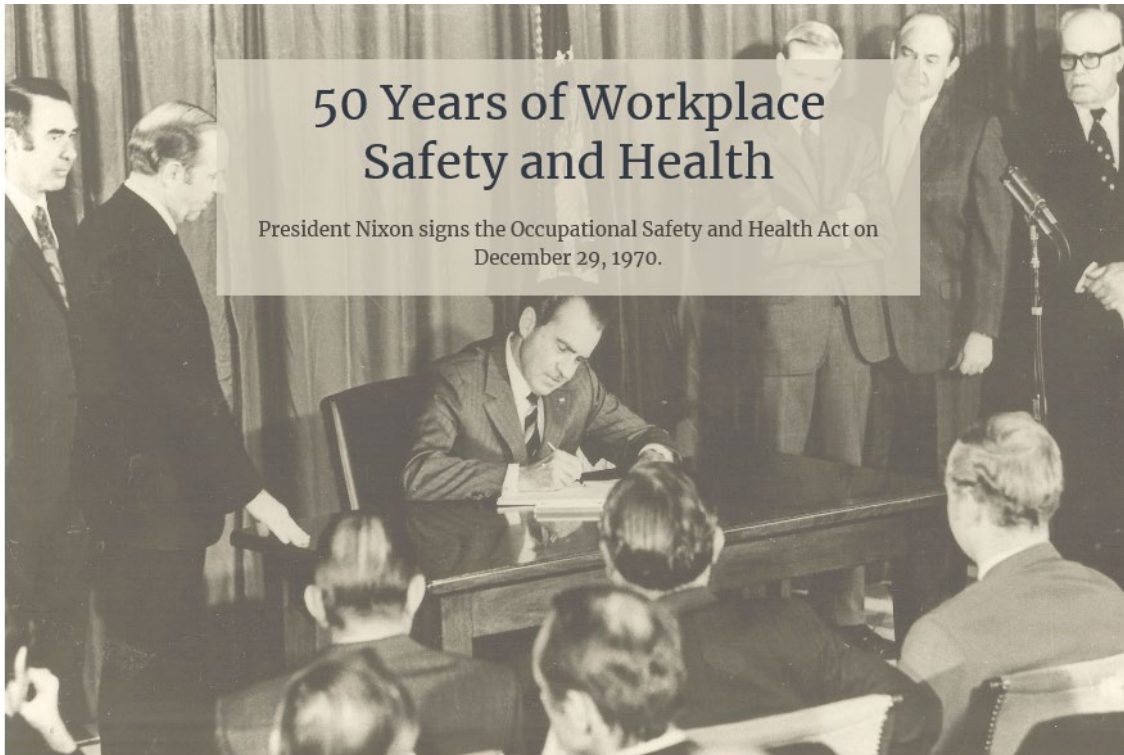


Chip Hughes
Deputy Assistant Secretary for Pandemic and
Emergency Response

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

OSHA at 50



- 50th anniversary of the landmark OSH ACT of 1970
- Mission of preventing work-related injuries, illnesses, and deaths

OSHA's Comprehensive Approach



Enforcement

Cooperative and
State Programs



Standards and
Guidance



OSHA and COVID-19

National Emphasis Program (NEP) for Protecting Workers from COVID-19 Exposure

- Goal: Substantially reduce or eliminate worker exposures
 - Combination of inspection targeting, outreach to employers, and compliance assistance.
- Focus:
 - Establishments that put the largest number of workers at serious risk of contracting the coronavirus.
 - To prevent retaliation against workers who complain about unsafe or unhealthful conditions or exercise other rights.

NEP to Prevent Worker Exposure to COVID-19

■ Focused Enforcement

- Inspections will focus on industries and worksites with tasks that have high frequency close contact exposures with increased potential exposure.
- Inspections will follow current priorities:
 - Unprogrammed
 - Follow Up
 - Programmed

NEP to Prevent Worker Exposure to COVID-19 Cont.

■ Interim Enforcement Guidance

- Updated plan replaces May 26, 2020 guidance
- Goals:
 - Identify exposures to COVID-19 hazards;
 - Ensure that appropriate control measures are implemented
 - Address violations of OSHA standards and the General Duty Clause.
- Remains in effect until further notice.

NEP to Prevent Worker Exposure to COVID-19 Cont.

■ Interim Enforcement Guidance

– Prioritizes

- On-site workplace inspections where practical, or a combination of on-site and remote methods.
- COVID-19-related inspections involving deaths or multiple hospitalizations and complaints/referrals alleging potential exposure to COVID-19-related hazards.
- Use of remote methods for employee interviews and collection of documentation to minimize person-to-person contact.

NEP to Prevent Worker Exposure to COVID-19 Cont.

■ Interim Enforcement Guidance

- Supports the NEP
 - Implementing programmed inspections targeting industries where:
 - OSHA has previously identified increased enforcement activity; and/or
 - establishments with elevated rates of respiratory illnesses in CY 2020.
 - Ensuring workers are protected from retaliation
- Provides specific inspection and citation guidance for all COVID-19-related inspections, until further notice.

NEP to Prevent Worker Exposure to COVID-19 Cont.

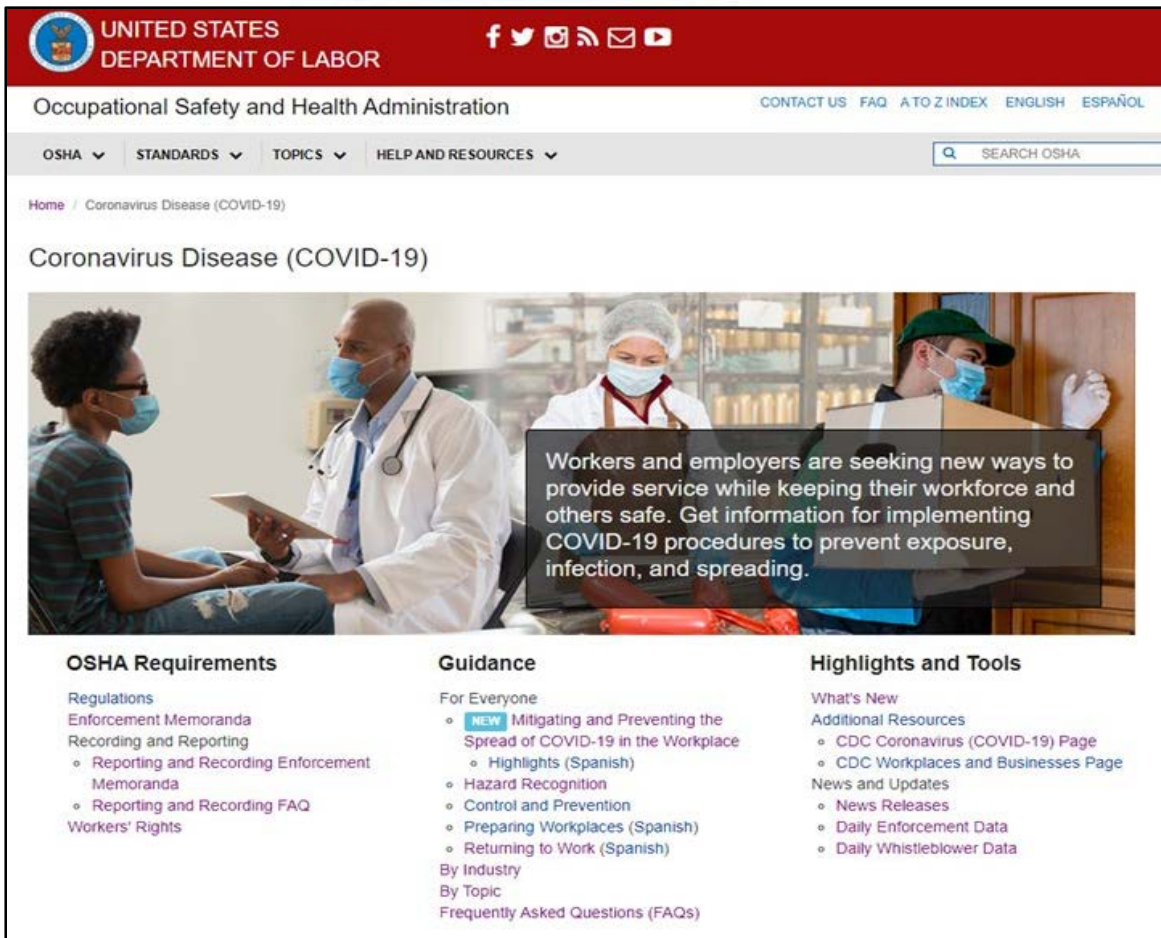
■ Outreach and Compliance Assistance

- Nationwide outreach with industry, labor, and alliances.
- Continued outreach using products and activities:
 - New information shared through letters, news releases, social media, and QuickTakes.
 - Seminars tailored to specific audiences.
 - Working with national and regional offices of federal agencies.

NEP to Prevent Worker Exposure to COVID-19 Cont.

- **Protecting OSHA Compliance Safety and Health Officers (CSHOs)**
 - Evaluate risks and determine appropriate protective measures.
 - Provide all needed equipment, supplies, and PPE.
 - Respiratory protection requirements for COVID and non-COVID inspections.
 - Vaccinations are a priority.

OSHA COVID-19 Resources



The screenshot shows the OSHA website's COVID-19 resources page. At the top, there is a red header with the United States Department of Labor logo and social media icons. Below the header, the page title "Occupational Safety and Health Administration" is displayed, along with navigation links for "CONTACT US", "FAQ", "A TO Z INDEX", "ENGLISH", and "ESPAÑOL". A search bar is located on the right side of the page. The main content area features a large image of healthcare workers in a clinical setting, with a text overlay that reads: "Workers and employers are seeking new ways to provide service while keeping their workforce and others safe. Get information for implementing COVID-19 procedures to prevent exposure, infection, and spreading." Below the image, there are three columns of content: "OSHA Requirements" (including Regulations, Enforcement Memoranda, Recording and Reporting, and Workers' Rights), "Guidance" (including "For Everyone" with a "NEW" tag for "Mitigating and Preventing the Spread of COVID-19 in the Workplace", and "By Industry" and "By Topic" sections), and "Highlights and Tools" (including "What's New" and "Additional Resources").

UNITED STATES
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

OSHA ▾ STANDARDS ▾ TOPICS ▾ HELP AND RESOURCES ▾

Home / Coronavirus Disease (COVID-19)

Coronavirus Disease (COVID-19)

Workers and employers are seeking new ways to provide service while keeping their workforce and others safe. Get information for implementing COVID-19 procedures to prevent exposure, infection, and spreading.

OSHA Requirements

- Regulations
- Enforcement Memoranda
- Recording and Reporting
 - Reporting and Recording Enforcement Memoranda
 - Reporting and Recording FAQ
- Workers' Rights

Guidance

For Everyone

- NEW** Mitigating and Preventing the Spread of COVID-19 in the Workplace
 - Highlights (Spanish)
- Hazard Recognition
- Control and Prevention
- Preparing Workplaces (Spanish)
- Returning to Work (Spanish)

By Industry

By Topic

Frequently Asked Questions (FAQs)

Highlights and Tools

What's New

Additional Resources

- CDC Coronavirus (COVID-19) Page
- CDC Workplaces and Businesses Page

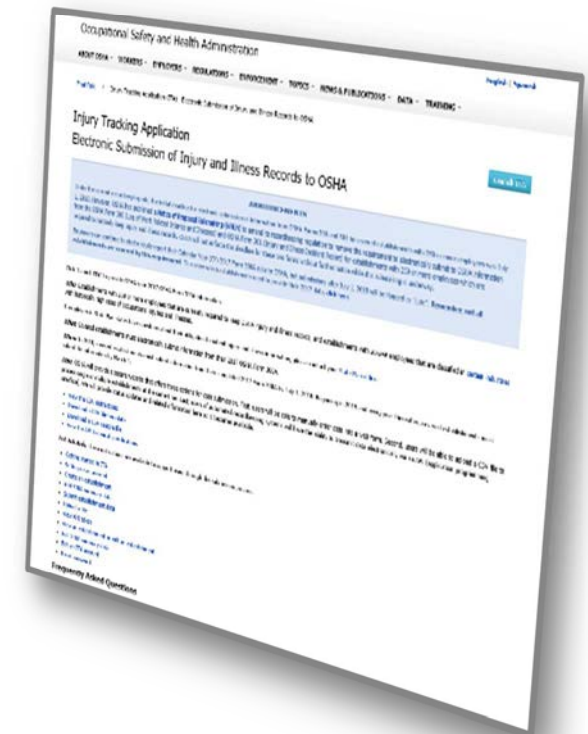
News and Updates

- News Releases
- Daily Enforcement Data
- Daily Whistleblower Data

[OSHA.gov/coronavirus](https://www.osha-slc.gov/coronavirus) includes latest information and resources on protecting workers from exposure to COVID-19.

Construction Regulatory Activities

- Railroad Cranes - Final Rule in effect
- Crane Amendments - NPRM Clearance
- Communication Towers - NPRM
- Welding in Confined Spaces - NPRM
- PPE in Construction - NPRM
- Powered Industrial Trucks - NPRM (ACCSH)
- Hazard Communication - NPRM



Directives

- New Excavation Directive
- New Small Unmanned Aerial System (Drone) Directive
- Updating of Crane Directive for Operator Certification



OSHA Inspection Data

FY20 Overall Inspection Data (OIS FY20)

Construction	51.1%
General Industry	48.9%
Programmed	40.3%
Un-Programmed	59.7%
Fatalities Inspected	1494
Avg. Hrs/Safety Inspection	23.91
Avg. Hrs/Health Inspection	44.86

Construction Inspection Data

Top 10 Violations in Construction CY20 Data (OIS 12/31/20)

1) 1926.501 - Fall Protection	6) 1926.20 - General S&H Provisions
2) 1926.451 - Scaffolding General Req	7) 1926.100 - Head Protection
3) 1926.1053 - Ladders	8) 1926.651 - Excavation Requirements
4) 1926.503 - Fall Protection Training	9) 1910.1200 - Hazard Communication
5) 1926.102 - Eye & Face Protection	10) 1926.502 - Fall Pro Systems Criteria & Practices

Construction Inspection Data Cont.

Top 10 Violations in Construction CY20 Data (OIS 12/31/20)

Standard	Total Violations	Serious Violations	Willful Violations	Repeat Violations
1926.501 - Fall Protection	5435	4301	149	841
1926.451 - Scaffolding General Req	2540	2343	11	118
1926.1053 - Ladders	2134	1904	11	108
1926.503 - Fall Protection Training	1623	1149	9	87
1926.102 - Eye & Face Protection	1369	1204	8	113
1926.20 - General S & H Provisions	894	724	5	65
1926.100 - Head Protection	782	694	1	49
1926.651 - Excavation Requirements	697	550	7	32
1910.1200 - Hazard Communication	661	462	0	21
1926.502 - Fall Protection Systems Criteria & Practices	646	557	0	12

NAICS Code #238290, Other Building Equipment Contractors

Top 10 Violations CY20 Data (OIS 12/31/20)

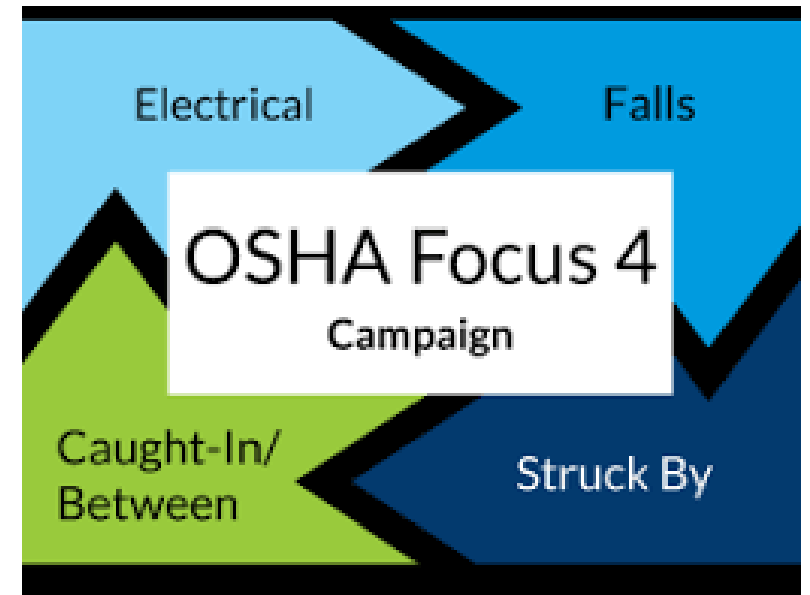
1) 1926.501 - Fall Protection	6) 1926.503 - Fall Protection Training
2) 1926.1053 - Ladders	7) 1926.1204 - PRCs Program
3) 1926.451 - Scaffolding General Req	8) 1926.21 - Safety Training & Education
4) 1926.454 - Scaffold Training	9) 1926.100 - Head Protection
5) 1926.502 - Fall Protection Systems Criteria & Practices	10) 1926.405 - Wiring Methods, Components, & Equipment for General Use

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 object: 90 (8.4%)
- Electrocutions: 79 (7.4%)
- Caught-in/between: 59 (5.5%)

BLS 2019 Data for all Ownerships



Fatal Fall Incidents in Construction

Fall Incidents in Construction – 228 (OIS CY19 Data)

Roofs	62
Holes/Skylights	33
Ladders	31
Scaffolding/Elevated Platforms	48
Walking-working Surfaces	54
➤ Communication Towers – 2 (falls only)	

Fatal Struck-by Incidents in Construction

Struck-by Incidents in Construction – 141 (OIS CY19 Data)

Moving equipment	59
➤ Control of hazardous energy – 4	
Falling/moving objects	52
Traffic	30

Electrocution Incidents in Construction

Electrocution Incidents in Construction – 65 (OIS CY19 Data)

Contact with powerlines	30
Contact with other live parts	33
➤ Lockout/Tagout – 22	
Lightning strikes	2

Fatal Caught-in/Between Incidents in Construction

Caught-in/Between Incidents in Construction – 45 (OIS CY19 Data)

Collapsing/moving structure or equipment	20
Excavation or trench cave-in	18
Moving parts	7
➤ Control of hazardous energy – 4	

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

National Emphasis Programs

- Combustible Dust
- Hazardous Machinery
- Hexavalent Chromium
- Lead
- Primary Metal Industries
- Process Safety Management
- Shipbreaking
- Crystalline Silica
- Trenching and Excavation



The screenshot shows the OSHA website header with the United States Department of Labor logo and social media icons. The main navigation bar includes "OSHA", "STANDARDS", "TOPICS", and "HELP AND RESOURCES". The breadcrumb trail is "Enforcement / Directives - NEP". The page title is "Directives - NEP". The introductory text states: "National Emphasis Programs (NEPs) are temporary programs that focus OSHA's resources on particular hazards and high-hazard industries. Existing and potential new emphasis programs are evaluated using inspection data, injury and illness data, National Institute for Occupational Safety and Health (NIOSH) reports, peer-reviewed literature, analysis of inspection findings, and other available information sources." The filter tabs include "Publication Date", "Directive #", "NEP", "Regional LEP", "State Plan Adoption", and "Advanced Search".

<https://www.osha.gov/enforcement/directives/nep>

FY2021 OSHA National Outreach Events

- **Stand-Up 4 Grain Safety Week** (March 29 – April 2, 2021)
- **National Stand-Down to Prevent Struck-by Incidents** (April 26th, 2021)
- **National Work Zone Awareness Week** (April 26 – 30, 2021)
- **Fall Prevention Week** (May 3 – 7, 2021)
- **Heat Prevention Stand-Down** (May 21, 2021)
- **Trench Safety Stand-Down** (June 14 – 18, 2021)
- **Safe + Sound Week** (August 2021)

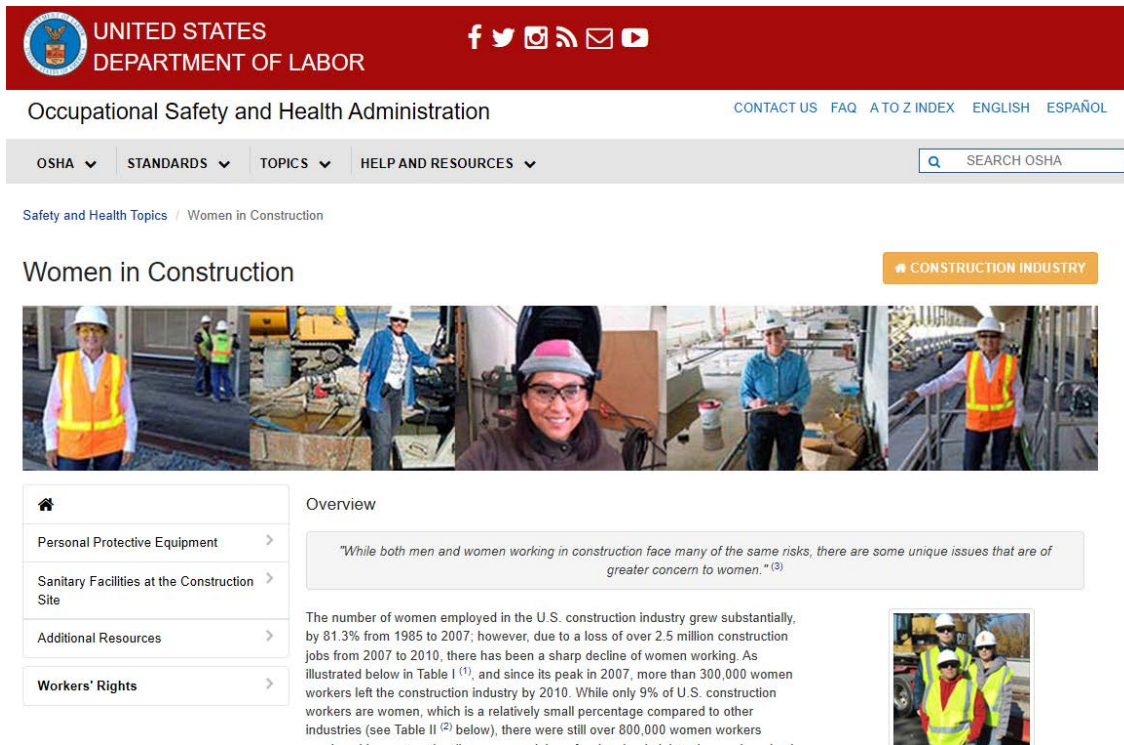
On-Site Consultation Program

- No-cost and confidential occupational safety and health services to small and medium-sized businesses
- Separate from enforcement and do not result in penalties or citations
- Work with employers to:
 - Identify workplace hazards,
 - Provide advice for compliance with OSHA standards, and;
 - Assist in establishing and improving safety and health programs

<https://www.osha.gov/consultation>



Women in Construction



The screenshot shows the OSHA website header with the United States Department of Labor logo and social media icons. Below the header is a navigation bar with dropdown menus for OSHA, STANDARDS, TOPICS, and HELP AND RESOURCES, along with a search bar. The main content area is titled "Women in Construction" and features a collage of images showing women in construction attire. A sidebar on the left contains a home icon and links to "Personal Protective Equipment", "Sanitary Facilities at the Construction Site", "Additional Resources", and "Workers' Rights". The main text area includes an "Overview" section with a quote: "While both men and women working in construction face many of the same risks, there are some unique issues that are of greater concern to women." and a paragraph discussing the growth and decline of women in the construction industry from 1985 to 2010. A small image of three women in safety gear is also visible.

<https://www.osha.gov/women-in-construction>

- Women employed in U.S. construction industry grew by 81.3% from 1985 to 2007
- Peaked in 2007, reduction of more than 300k by 2010
- 800k women workers in construction in 2010

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

Questions?



www.osha.gov

DOC: 202-693-2020

