

STRUCTURAL STEEL AND PRECAST CONCRETE CONTRACTORS HAZARD INFORMATION

In 2016, there were **31 fatal injuries** and **4,900 estimated nonfatal injuries and illnesses** among 80,600 workers (U.S. Bureau of Labor Statistics). Finding and fixing hazards ensures workers go home safe and sound every day. Use the information below to find and fix hazards in your company.

CORE ELEMENTS OF SAFETY AND HEALTH PROGRAMS

1. Management Leadership



2. Worker Participation



3. Finding & Fixing Hazards



TOP OSHA CITATIONS

Structural Steel and Precast Concrete Contractors

- General requirement for protection from fall hazards by guardrail systems, safety net systems, personal fall arrest systems, positioning device systems, or fall restraint systems. (*Structural Steel Erection, 1926.760(a)(1)*)
- Fall protection during aerial lift use (*Scaffolds, 1926.453(b)(2)(v)*)
- Requirement for guardrail systems, safety net systems, or personal fall arrest systems for employees with unprotected sides and edges that are 6 feet (1.8 m) or more above a lower level. (*Fall Protection, 1926.501(b)(1)*)

Source: OSHA Information System (OIS), 2011-2018, NAICS 238120

TOP INJURY EVENTS

Structural Steel and Precast Concrete Contractors

Fatal Events

- Falls to lower level
- Struck by object or equipment
- Roadway motor vehicle incidents

Nonfatal Events

- Falls to lower level or same level
- Struck by or against object
- Overexertion in lifting or lowering
- Slips or trips, without fall

Source: U.S. Bureau of Labor Statistics, 2011-2016, NAICS 238120

RESOURCES ON FIXING HAZARDS

- [SEAA SafetyFlash Topics: Preventing Falls in Steel Erection; Falling Object Protection; Avoiding Trapping/ Crushing Injuries in AWP's; Protecting Retractable Lifelines from Arcing Damage; Avoiding Hand Injuries.](#)
- [Construction Industry Outreach Training Program.](#) The OSHA Outreach Training Program for the Construction Industry provides training for workers and employers on the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces in the construction industry. The program also provides information regarding workers' rights, employer responsibilities, and how to file a complaint.
- [Falls eTool.](#) A construction eTool that addresses such topics as unprotected sides, wall openings, and floor holes; improper scaffold construction; unguarded protruding steel rebars; and misuse of portable ladders.
- [Steel Erection eTool.](#) An eTool created to educate employers and workers about the revised Subpart R standard that is intended to protect employees from steel erection hazards when involved in the construction, alteration, or repair of single-story buildings, multi-story buildings, bridges, and other structures where steel erection occurs.
- [Ergonomics – Solutions to Control Hazards.](#)