



# Upstream Oil and Gas Common Hazards



*Identifying and correcting hazards before someone gets hurt ensures workers go home to their families safe and sound after every shift. The information below can be used as a starting point for finding and fixing hazards.*

## Top OSHA Citations Oil and Gas

- General Duty Clause [5a1] (e.g., auxiliary escape, secured pressurized lines)
- Ladders [1910.23(c)(1)]
- Grounding [1910.304(g)(5)]
- Hazard Communication [1910.1200]
- Personal Protective Equipment [1910.132(a)]
- Respiratory Protection [1910.134(d)(1)(ii)]
- Medical Services and First Aid [1910.151(c)]

Source: OSHA Information System (OIS), 2011-2017, NAICS 211, 213111, and 213112.

## Top Fatality Sources Oil and Gas

- Transportation Incidents (42%)
- Struck by Object or Caught in Equipment/Material (25%)
- Fires and Explosions (14%)
- Exposure to Electric Current or Harmful Substances (9%)
- Falls, Slips, Trips (8%)

Source: U.S. Bureau of Labor Statistics, 2003-2015, NAICS 211, 213111, and 213112.

## Resources on Controlling Hazards

Here are some resources for fixing hazards:

- [OSHA's Oil and Gas Extraction Safety and Health Topics Page](#). Provides regulatory and enforcement information, hazard identification, and controls, as well as best practices and other resources to ensure safer workplaces.
- [SafeLand USA](#). A volunteer organization comprising major and independent operating companies, contractors, industry associations, and educators with the purpose of promoting a standardized safety orientation for workers in the U.S. Onshore E&P Industry.
- [Recommended Practices for Safety and Health Programs](#). Presents a step-by-step approach to implementing a safety and health program, built around seven core elements that make up a successful program.
- Hazard Alerts
  - [Silica exposure during hydraulic fracturing, NIOSH-OSHA hazard alert](#)
  - [Hydrocarbon exposure during manual tank gauging, NIOSH-OSHA hazard alert](#)
  - [Hydrocarbon exposure during manual tank gauging, National STEPS alliance hazard alert](#)
  - [Hot work on oilfield tanks, tankers, and other related equipment – English](#)
  - [Hot work on oilfield tanks, tankers, and other related equipment – Spanish](#)
  - [Ignition of vapors by mobile engines and auxiliary motors](#)