

# OIL AND GAS PIPELINE CONSTRUCTION HAZARD INFORMATION

Between 2011 and 2016, there were **79 fatal injuries** and more than **3070 estimated nonfatal injuries** among oil and gas pipeline construction 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 OIL AND GAS PIPELINE CONSTRUCTION

- Recognize unsafe conditions and know workplace regulations (1926.21(b)(2))
- Head protection (1926.100(a))
- Means of egress from excavations (1926.651(c)(2))
- Protection from loose rocks or soil in excavations (1926.651(j)(2))
- Daily inspections of excavations (1926.651(k)(1))
- Protect employees from excavation cave-ins (1926.652(a)(1))

Source: OSHA Information System, 2011-2018, NAICS 237120

## TOP INJURY EVENTS OIL AND GAS PIPELINE CONSTRUCTION

### Fatal Events

- Transportation incidents
- Contact with objects and equipment
- Falls, slips, and trips
- Workplace violence

### Nonfatal Events

- Falls, slips, and trips
- Contact with objects and equipment
- Overexertion and bodily reaction

Source: U.S. Bureau of Labor Statistics, 2011-2016, NAICS 237120

## RESOURCES ON FIXING HAZARDS

- [Construction Safety eTool](#). Web-based training tool on specific hazards in the construction industry. See also [prevention videos](#) on Construction Hazards.
- [Training Requirements and Resources](#). Information on employers' training requirements and available resources to protect workers against injuries and illnesses.
- [Personal Protective Equipment](#). OSHA guide on selecting appropriate PPE for a variety of circumstances, such as head protection.
- [Worker Safety Series on Construction](#). A guide on hazards in construction, such as falls, electric shock & arc flash/arc blast, failure to use proper PPE, & repetitive motion injuries.
- [Backhoe Operation Best Practices for Supervisory Personnel and Operators](#). Recommendations for getting more operating time, improved results, and increased safety with backhoe activities.
- [Excavation and Trenching Best Practices for Supervisory Personnel and Operators](#). Safety practices for pre, during, and post excavation and trenching activities to protect workers from excavation and trenching hazards, such as cave-ins. See also [Excavation and Trenching Tool Box Safety Topics](#) as well as [Excavator Operation](#).