

# GRAIN AND FEED INDUSTRY HAZARD INFORMATION

The National Grain and Feed Association (NGFA) is a proud Partner of the national Safe + Sound Campaign, which encourages every workplace in the U.S. to have a safety and health program. Safety and health programs foster a proactive approach to “finding and fixing” workplace hazards before they can cause injury or illness. 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 Grain and Feed Industry

- Written housekeeping program ([1910.272\(j\)\(1\)](#))
- Entry into grain storage structures: Mechanical, electrical, hydraulic, and pneumatic equipment shall be locked-out and tagged ([1910.272\(g\)\(1\)\(ii\)](#))
- Fugitive grain dust accumulations ([1910.272\(j\)\(2\)\(ii\)](#))
- Testing within a bin, silo, or tank for oxygen content and the presence of combustible gases, vapors, and toxic agents ([1910.272\(g\)\(1\)\(iii\)](#))
- Preventative maintenance, inspection certification record ([1910.272\(m\)\(3\)](#))
- Permit for entering bins, silos, or tanks ([1910.272\(g\)\(1\)\(i\)](#))
- Guarding of pulleys ([1910.219\(d\)\(1\)](#))
- Portable ladders ([1910.23\(c\)\(1\)](#))
- Machinery and machine guarding ([1910.212\(a\)\(1\)](#))

Source: OSHA Information System (OIS), 2011-2018, NAICS 311211, 311212, 493130, 424510

## COMMON HAZARDS Grain and Feed Industry

- Grain engulfment
- Grain entrapment
- Grain dust accumulation/explosion
- Suffocations
- Slips, trips, and falls
- Falls from elevated platform
- Amputations, lacerations from missing or removed guards
- Burns from missing or removed guards
- Electrocutions
- Heat injuries

## RESOURCES ON FIXING HAZARDS

- [Preparing Bins for Harvest](#). National Grain and Feed Association Safety Tips.
- [Lockout/Tagout & Energy Isolation](#). National Grain and Feed Association Safety Tips.
- [Bulk Material Storage and Handling](#). National Grain and Feed Association Safety Tips.
- [AgriSafe Network](#). Webpage.
- [How Grain Quality and Safety Interact](#). NGFA-OSHA Alliance, in collaboration with GEAPS and AFIA webinar.
- [Safe Grain and Silage Handling](#). The National Institute for Occupational Safety and Health (NIOSH).
- [Dangers of Engulfment and Suffocation in Grain Bins](#). OSHA Hazard Alert.
- [Machine Guarding](#), [Combustible Dust](#), [Respiratory Protection](#), [Fall Protection](#), and [Heat Exposure](#). OSHA Safety and Health Topics.

For a complete list of other OSHA documents, visit OSHA [Agriculture Industry Publications](#) webpage.