

Low Cost Grain Handling Safety Training Available



Under an OSHA Susan Harwood training grant the Grain Handling Safety Coalition through a project administered by the University of Illinois is able cover a significant portion of the cost to conduct grain safety train the trainer or direct training to farm and agricultural audiences in a few states.

The program focuses on educating rural trainers, farm or agricultural business managers and workers so they know how to identify, avoid, prioritize and eliminate the grain handling hazards, which result in injuries and even deaths every year. The following provides a basic description of the training topics and program options.

Grain Handling Safety Modules and Content Description

All modules include power point slides, demonstrations, interactive discussion of issues and handouts.

Schedule Recommendations:

All day (3 or 4 modules); Half day (2 modules); 2 hours or less (1 module)

1. Overview of Grain Handling and Storage

Introduces the 6 major hazards associated with grain handling, Lock out/Tag Out, risk management principles, and community pre-planning (1 to 2hrs).

2. LOTO – mini module & video

A short **video** and power point explain Lock Out/Tag Out, how it prevents injuries and deaths, and the steps to a successful LOTO (30 minutes).

3. Entanglement Hazards and Guarding

This course provides an in-depth look at entanglement hazards associated with grain handling equipment, identification of hazards, abatement of hazards through proper guarding and Lock Out/Tag Out (1 to 2hrs).

4. Fall Hazards and Protection

From ladders to catwalks, this course looks at height hazards and best practices to avoid falls and other accidents (1 to 2hrs).

5. Grain Bin Entry

Learn how to identify hazardous conditions BEFORE entering the grain bin and review the best practices procedures to use when entering (1 1/2 to 2hrs).

6. Introduction to Secured Lifeline Systems – mini module

A short **video** and curriculum explains the components of a secured lifeline system and how it works to keep an entrant safe from entrapment and engulfment hazards during bin entry. Includes demonstrations on how a full body safety harness and lifeline is used in both farm and commercial storage bins. Generally presented with another module (1hr).

7. Grain Bin Entry Process

A short **video** “Reducing Grain Bin Entry Risks” and power point goes step by step through the bin entry process including the planning, training, and preparation that occurs before bin entry; discusses ways to reduce the need for entry as well as the risks; and looks at alternatives to bin entry (Video with discussion 45minutes to 1 1/2hrs). This module along with the lifeline introduction module could be 1 1/2 to 2 1/2 hrs..

8. Agricultural Confined Spaces

Grain bins, tunnels, silos, manure pits and more, the farm and grain elevator pose many confined space hazards. Learn the hazards of these spaces and how to properly eliminate or reduce the hazards prior to entering and while inside (1 to 1 1/2hrs).

9. Lifeline Installation and Use

A full day technical course that teaches the user how to install and properly use a lifeline system. Participants will engage in a series of competency based hands-on exercises such as how to properly don and inspect harnesses; belaying techniques; atmosphere testing; knot tying and more. This session has prerequisites for the participants (Grain Bin Entry); equipment and facility requirements; fees; and a committed minimum # of 15 participants (6 to 7hrs).

10. Youth Training – STAND T.A.L.L. – Talk, Ask, Learn, Live

New youth training program - Currently 3 training modules have been developed introduce young workers to:

- Different types of hazards associated with grain handling which may be present in the work environment
- Strategies to protect themselves & others from grain safety related injuries
- Common misperceptions about the grain handling work environment they should know

Each module can be taught in about an hour or all 3 can be taught in a 3 hour session.

Training modules include:

- PowerPoint ® presentation – some include video clips
- Hands-on activities,
- Instructor guide & notes
- Additional resource information
- Evaluations
- Participant quizzes – if applicable for the audience
- Pre and Post Tests
- Participant note pages
- One or more of the following videos may be shown:

The program has a facilitator who will work with you in the promotion of the program and arranging the training details. We are scheduling training for 2018 NOW. The following is the contact information if you are interested in hosting and facilitating training in your state or area:

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