**Basic First Responder Training for Incidents
Involving Grain Storage and Handling Facilities**

**Agenda**

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| 8:00 – 8:30 | Registration and Independent Review of Course Material |
| 8:30 – 9:00 | Introductions, Pre-Test, and Training Overview |
| 9:00 – 9:45 | Unit 1: Confined Spaces in Agriculture* Definitions/key terms
* Types of confined spaces found in agriculture
* Relevant OSHA Standards
* Hazards related to agricultural confined spaces
* OSHA exempt vs. non-exempt facilities
* Overview of facilities used to transport, handle, and store grain
* Augers and other energized equipment
* Role of out-of-condition grain
* Importance of preplanning
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| 9:45 – 10:15 | Unit 2: Summary of Emergencies at Grain Storage and Handling Facilities* Definitions
* Frequency of problem
* Contributing factors
* Nature and characteristics of free flowing grain
* Common categories of flowing grain/feed entrapments and engulfments
* Entanglements
* Asphyxiations
* Falls
* Electrocutions
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| 10:15 – 10:30 | Break |
| 10:30 – 11:15 | Unit 3: Preplanning/Training/Rescue Equipment* Components of preplanning
* Developing a first response protocol (SOP)
* Mutual aid agreements
* Role of training
* Personal protective equipment
* Rescue equipment
* Grain handling equipment
* Grain restrain systems/Grain rescue tubes
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| 11:15 – 12:00 | Unit 4: Emergency Response Strategies* Importance of rapid response
* Potential hazards to first responders
* Initial steps in responding
* Review of key rescue equipment that would be beneficial
* Identifying appropriate and inappropriate anchor points
* Types of injuries victims may experience
* Techniques for rapid removal of grain
* Potential for structure failure during rapid removal
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| 12:00 – 12:45 | Lunch (Grain Safety Video Presentation) |
| 12:45 – 1:00 | Unit 5: Overview of Demonstrations and Hands-on Activities* Break up into teams
* Assign safety officer for each team
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| 1:00 – 4:00 | Demonstrations and Hands-on Exercises |
|  | * Group tour of grain safety and handling facility (if available)
* Workstations
* #1 – Tour of inside of typical grain storage structure
* #2 – Emergency bin emptying strategies and grain bin panel cutting demonstration
* #3 – Using grain containment devices and grain rescue tubes
* Group review of activities
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| 2:00 – 2:30 | Break or during rotation |
| 4:00 – 4:45 | Q&A and Post-test |
| 4:45 – 5:00 | Evaluation and closing comments |