

Flat Storage Checklist

This checklist is for use when entry into the flat storage space is through an unrestricted ground level opening the employee is not working in or on grain at a level that poses an engulfment hazard to even waist deep; and the employee is not exposed to mechanical hazards. The employer deems this space to be free of engulfment hazards when checklist conditions are met. This checklist may need to be customized for the different types of flat storage structures.



Grain Handling Safety Coalition

www.grainsafety.org

| Before Entry, check these conditions: | | |
|---|--------------------------|--------------------------|
| • Ventilation is present and adequate. | <input type="checkbox"/> | |
| • Employee has solid floor to be working on OR there are no engulfment hazards present. | <input type="checkbox"/> | |
| • Grain is at the normal flow angle of repose. | <input type="checkbox"/> | |
| • Grain is in normal condition with no significant spoilage (wet/rotting). | <input type="checkbox"/> | |
| • Grain is not bridged or cliffed such that it can engulf entrant. | <input type="checkbox"/> | |
| • Grain rescue cofferdam is available, ready to access. | <input type="checkbox"/> | |
| • If the employee will be on or in the grain at a depth which poses an engulfment hazard, all equipment which presents a danger to that employee (such as bottom conveying systems) is locked-out and tagged. | <input type="checkbox"/> | |
| • Atmosphere checked with multi-gas meter to verify no hazard is present. | <input type="checkbox"/> | |
| During Entry, entrant is continually watching for these conditions: | | |
| • Grain continues to behave normally and the flow angle of repose is present. | <input type="checkbox"/> | |
| • Visibility in the space is not obscured by dust. Employee can see across the space. | <input type="checkbox"/> | |
| • Employee feels normal and isn't experiencing nausea, shortness of breath, headaches, etc. that could be sign of a changing atmosphere. | <input type="checkbox"/> | |
| • Employee continually has a clear, direct path, back to the exit door. | <input type="checkbox"/> | |
| • Employee has communication with fellow employees via radio or other means. | <input type="checkbox"/> | |
| Prohibited Conditions: Do Any of The Following Items Exist? | | |
| | YES | NO |
| • Entering or working in dusty environment causing obscured vision. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Working with spoiled/rotting grain in excess of a few bushels. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Working without adequate ventilation. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Working underneath a bridging condition or in any location where cliffed grain could collapse and engulf the employee. | <input type="checkbox"/> | <input type="checkbox"/> |
| • Working with a blocked exit. | <input type="checkbox"/> | <input type="checkbox"/> |
| • "Walking down grain" to make it flow or being on moving grain. | <input type="checkbox"/> | <input type="checkbox"/> |

This checklist needs to be covered with employees involved in the Flat Storage Entry and reviewed prior to each entry and shift. Each employee involved in **Flat Storage Entry** will **PRINT** and **SIGN** their name and insert **DATE**.

| | | | | |
|-------------------|--|--|--|--|
| Name: | | | | |
| Signature: | | | | |
| Date: | | | | |