

LESSON 12: Grain Storage and Handling Facilities

- A. Hazards of flowing grain video
- B. Characteristics of flowing grain
 1. Acts like a liquid
 2. Form funnel above outlet
 3. Presence of air pockets
 4. Out-of-condition grain
- C. Grain storage hazards
 1. Engulfment/suffocation
 2. Bridged grain
 3. Grain avalanche
 4. Falls
 5. Toxic gases and molds
 6. Entanglement
 7. Toxic fumigants
- D. Characteristics of a safe worker
 1. Commitment to a safe work place
 2. Properly trained
 3. Knowledge of hazards
 4. Patience
 5. Civility and courtesy
 6. Self-control
 7. Confidence
 8. Consideration towards others
- E. Personal personal equipment
 1. Head
 2. Feet
 3. Eyes
 4. Ears
 5. Hands
 6. Skin
 7. Respiratory
 8. Fall protection
- F. Safety measures to prevent grain engulfments
 1. Lockout/tagout
 2. Visible warnings
 3. Restricted access
 4. Supervised access
 5. Emergency response plan
 6. Communications
 7. Air quality monitoring

