

Chapter 8: Grain and materials handling

Learning objectives:

- 1) To explain hazards associated with grain and materials handling

Evaluation questions:

1. What are the health hazards when handling grain and materials?
 - A.
 - B.
 - C.
2. What are the leading causes of death when handling grain and materials?
 - A. Infections
 - B. Falls
 - C. Exposure to harmful substances
 - D. A and B
 - E. B and C
3. Which one is not a hazard associated with grain and material handling?
 - A. Overexertion
 - B. Flowing grain
 - C. Grain bridging
 - D. Engulfment
 - E. Toxic gases
4. Which one is not correct for a person trapped in flowing grain?
 - A. Even if the head not exposed, pressure on lungs can cause suffocation
 - B. Can be buried in 7-8 seconds
 - C. Can be immobilized in 5 seconds (up to knees)
 - D. There is no upward force to hold the person in grain
 - E. All of the above
5. When grain is flowing, how much is the resistance (upward force)?
 - A. None
 - B. 10 lb
 - C. 100 lb
 - D. 1000 lb
 - E. 2000 lb

Answers:

1. (Respiratory, noise, allergies)
2. E
3. A
4. C
5. A