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