

# Cold Weather Work Hazards

## Pre-Questionnaire Directions



Grain Handling Safety Coalition

**Purpose:** The pre-questionnaire anonymously establishes the participants' baseline knowledge. Instructors should quickly look over answers to determine what knowledge the audience already possesses and adjust the presentation accordingly by briefly reviewing known material and spending more time on unfamiliar material.

Each participant will fill out **one (1)** pre-questionnaire. When presenting multiple training modules use the combined Pre-Questionnaire. **Send completed questionnaires to the Grain Handling Safety Coalition as instructed below.**

1. The pre-questionnaire is completed at the beginning of the session **BEFORE** covering any of the material.
  - These can be passed out as people sign-in/ register or be placed at each seat before the session.
  - A post-questionnaire with the same or similar questions is completed at the end of the training session.
  - Participants are not asked for their names, although some participants may choose to provide it.
2. Make sure everyone has a pen or pencil.
  - It is helpful to either provide a pen/pencil when distributing the pre-questionnaire or have pens/pencils on the tables.
3. Give a brief introduction for the pre-questionnaire such as:
  - "We are going to take a few minutes to fill out this brief questionnaire. Please answer these questions to the best of your ability. Your **answers are anonymous** and only used to help us improve these sessions and show our funding agencies that this program is effective."
4. Observe how quickly the audience is finishing. When it appears the majority are done say "Let's take just another minute to finish up."
5. Collect the pre-questionnaire **before** beginning the session.
  - If you wish to go over answers, wait until **AFTER** participants have taken the post-questionnaire.
  - The Answer Key is provided in this document.
6. **NOTE:** These are relatively short. Single module questionnaires usually have 10 or fewer questions and most participants are done in less than 5 minutes. The combined questionnaire for all modules has 19 questions. Ten minutes is generally ample time to finish.
7. **Please return completed pre and post questionnaires – electronic or hard copy – to:**

Dr. Salah Issa  
University of Illinois – ABE  
1304 Pennsylvania Avenue  
Urbana, IL 61801  
[salah01@illinois.edu](mailto:salah01@illinois.edu)  
office: (217) 333-9417

**Thank you for taking the time to administer and return the questionnaires!**

# Cold Weather Work Hazards

## Pre-Questionnaire



Grain Handling Safety Coalition

### Choose (circle) the one (1) BEST answer.

1. Four factors contribute to cold stress including cold temperatures, cold water, and dampness. What is the fourth factor?
  - a. Exposed Skin
  - b. Wind - High and/or Cold winds
  - c. Location
  - d. Body Weight
  
2. Snow falling from a bin roof is dangerous as each roof panel could have
  - a. 100 pounds of snow
  - b. 200 pounds of snow
  - c. 1,000 pounds of snow
  - d. 2,000 pounds of snow
  
3. Preventive maintenance can minimize equipment failures due to cold weather. **TRUE** **FALSE**
  
4. Early morning is the best time of the day to do outdoor work in extreme cold temperatures. **TRUE** **FALSE**
  
5. You can get hypothermia in 40 degree weather if you are wet. **TRUE** **FALSE**

*This material was produced under grant number SH-99078-SH0 from the Occupational Safety & Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U. S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U. S. Government.*

# Cold Weather Work Hazards

## Pre-Questionnaire ANSWER KEY



Grain Handling Safety Coalition

### Choose (circle) the one (1) BEST answer.

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  - d. 2,000 pounds of snow
  
3. Preventive maintenance can minimize equipment failures due to cold weather. **TRUE** FALSE
  
4. Early morning is the best time of the day to do outdoor work in extreme cold temperatures. TRUE **FALSE**
  
5. You can get hypothermia in 40 degree weather if you are wet. **TRUE** FALSE

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# Cold Weather Work Hazards

## Post-Questionnaire



Grain Handling Safety Coalition

**Choose (circle) the one (1) BEST answer.**

1. Four factors contribute to cold stress including cold temperatures, cold water, and dampness. What is the fourth factor?
  - a. Exposed Skin
  - b. Wind - High and/or Cold winds
  - c. Location
  - d. Body Weight
  
2. Snow falling from a bin roof is dangerous as each roof panel could have
  - a. 100 pounds of snow
  - b. 200 pounds of snow
  - c. 1,000 pounds of snow
  - d. 2,000 pounds of snow
  
3. Preventive maintenance can minimize equipment failures due to cold weather. **TRUE FALSE**
  
4. Early morning is the best time of the day to do outdoor work in extreme cold temperatures. **TRUE FALSE**
  
5. You can get hypothermia in 40 degree weather if you are wet. **TRUE FALSE**

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# Cold Weather Work Hazards

## Post-Questionnaire ANSWER KEY



Grain Handling Safety Coalition

### Choose (circle) the one (1) BEST answer.

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