

Heat Injury Illness Prevention Planning

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Director of Safety and Environmental



Agtegra Cooperative

- Farmer-owned cooperative
- 70+ locations across North Dakota and South Dakota
- Grain, Agronomy, Feed, Farm Supply, and Energy Services,



Protecting Employees



Safety Orange/
Reflective

Safety Yellow/
Reflective



Tools and Resources

AGTEGRA COOPERATIVE
JHA: Job Hazard Analysis

Location & Date: Bin #10 - Andover 6/1/20
Job: Sweep Bin Floor with Brooms
Involved Employees: Steve Smith, Carter Jacobs, & Ryan Mohr

1. Does a JHA exist for this task to Utilize/Review?
2. Complete Job Hazard Analysis for any job that is unfamiliar (non-routine) to ensure a safe job plan is utilized.
3. Complete Job Hazard Analysis for all maintenance jobs.
4. If the need for additional PPE is identified from the Job Analysis below, contact your supervisor or safety administrator.

Hazard: Y N

Hot Work: Does the job involve Hot Work? ☒ X
If YES - Complete a Hot Work Permit if in required area.

Lockout/Electrical Lockout: Does the job involve Energy, Stored Energy, or Live Energy? ☒ X
Equipment to be Locked Out & Forms Completed
Fill Conveyor
Reclaim Conveyor
Bin Sweep

Mechanical Hazards: Does the job involve Other Moving Equipment? ☒ X
If YES - State the hazard:
If YES - State how the hazard will be controlled:

Hazard: Y N

Strains/Sprains/Fatigue: Is there potential for Overexertion, Back Injury, Repetitive Motion? ☒ X
If YES - State Elimination or Control Method:
Employees will rotate + take breaks so overexertion doesn't occur in the heat.

Slips/Trips/Falls: Is there potential for Slips (slick surface), Trips, Falls or Floor Holes? ☒ X
If YES - State Elimination or Control Method:
Make sure brooms are placed over grate openings + appropriate footwear worn

Elevated Work: Does the job involve Elevated Work (ladder, fall protection, scaffolding)? ☒ X
If YES - Rescue equipment available

Falling/Flying Objects: Is there overhead work with potential for Falling/Flying objects? No
If YES - Access should be restricted

Other Potential Hazards:

Work Underneath - use solid stable support ☐ ☐
Vehicle Traffic or Clearance ☐ ☐
Railcars or Control Vehicles or Clearance ☐ ☐
Underground Electrical/Cable or Piping ☐ ☐
Overhead Electrical Lines ☐ ☐
Line Breaking ☐ ☐
Noise (hearing protection required) ☐ ☐
Weather Related (temp, wind, ice, snow, etc.) ☐ ☐
Dust or Fumes (respirator, eyewash) ☐ ☐
Housekeeping Obstruction/Stacked Objects ☐ ☐
Limited Lighting/Night ☐ ☐
Other Fire Hazard (fire extinguisher needed) ☐ ☐
Trench Work - Cave In ☐ ☐
Insects ☐ ☐
OTHER ☐ ☐

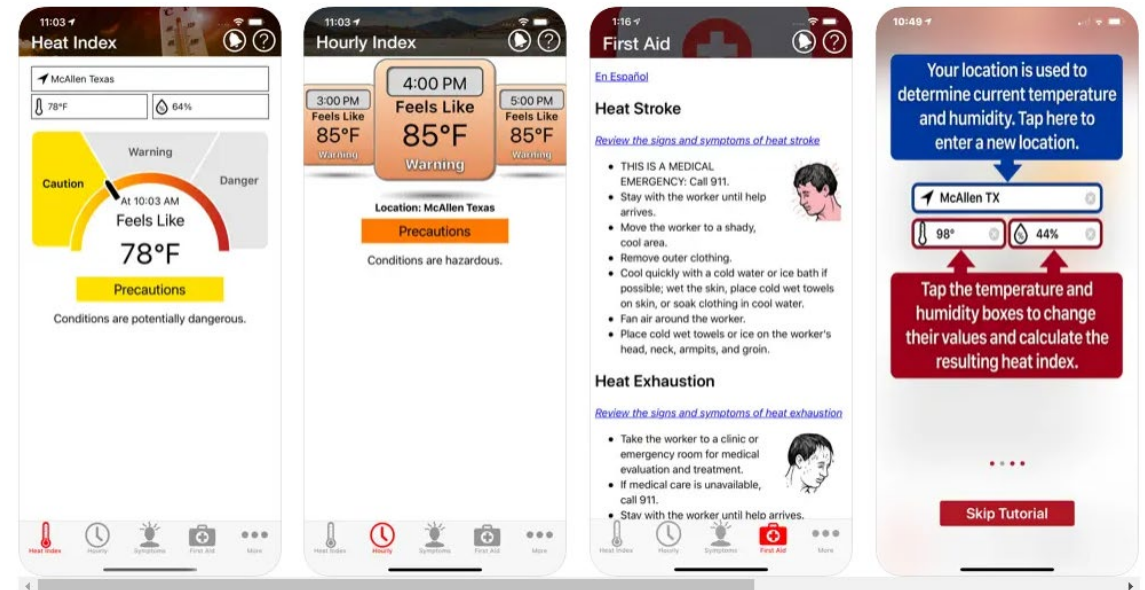
Line of Fire: There is almost always potential for fire hazards. State them below and (specifically) how to avoid as part of the plan.
None w/appropriate measures taken. Securing bin.

Make it Personal: Protect People! Have the following people/personnel items addressed in a Tool Box Meeting?
• Communications
• Emergency Communications
• Safe Work Plan to all involved Employees/Contractors
• PPE Required
• Inform Affected Employees/Contractors
• Potential for Unauthorized Employees/Contractors/Visitors
• Egress or Evacuation Plan
• Closest First Aid / Eye Wash / Shower
• Closest Fire Extinguisher

Involved Employees - Tool Box

Steve Smith
Carter Jacobs
Ryan Mohr

Management Review Signature:
Steve Smith



Human Factors

Task being performed prior to incident
(i.e. working on conveyor)

Loading and unloading liquid fertilizer trucks

State specifically what caused the injury
(i.e. wrench slipped causing employee to hit their hand)

Dehydration

'Object(s) Involved' (i.e. wrench and hand)

No physical object

Object that Caused Injury
(used in OSHA 300 Form):

No physical object

'Location of Incident' (i.e. conveyor by leg 1)

Liquid Fertilizer Plant

Human Factors

Outcome	<p>Employee fainted and hit his head</p> <p>Denial from Workman's Comp: Our review showed that there is no evidence (medical or non-medical) to suggest that your employment or employment-related activities are a major contributing cause of the condition complained of on x/xx/xx.</p> <p>Should you disagree with our position, you have two (2) years to file a petition for hearing before the South Dakota Department of Labor, Pursuant to SDCL 62-7-12.</p>
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Key Takeaways

Make it
Personal

Share 'Why'

Training and
Education

Resources

Manage Risk

Control What
You Can
Control

Questions

