Workplace Hazards
Session 2

Facilitator
Date
Company
Workplace Hazards

Hazard recognition
Field level risk assessment
Identify & control hazards
Invisible hazards
Hazard Recognition

What is a hazard?

A hazard is an action or situation that could cause injury or death.

Can you think of some activities you have done where you could have been hurt?
Steps to Recognize a Hazard

1. **See it**
   - What is unsafe?

2. **Think it**
   - What could happen?

3. **Do it**
   - What will reduce danger?

Recognize Evaluate Control
## Hazard Recognition

**See It**  |  **Think it**  |  **Do it**
---|---|---
What work is being done? | What kind of injury? | Remove what danger / risk?
Do you see hazards? | Is there unsafe action? | Reduce what risk?
Who is at risk? | Are the rules followed? | Change what behaviour?
Any non visible hazards? | Is safety training needed? | Change what attitude?
Any unsafe behaviour? | Is equipment needed? | What can management do?
Any unsafe conditions? | Is there pressure to work | What can you do?
Any unsafe objects? | in an unsafe way? | How can you do it?
What are the signals? | | Who should you talk to?
Hazard Recognition Activity

Case Details
Job:
Scene:
We see:

<table>
<thead>
<tr>
<th>See It</th>
<th>Think it</th>
<th>Do it</th>
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• http://www.safeconllc.com/whatswrong.html
• http://www.safetyphoto.co.uk/photo2/Safety_Photo_2.htm
Field Level Risk Assessment

What is risk assessment?
What is field level?

A way to avoid or control losses on the job site. (*Losses to people, property, materials or environment*)

Can you think of some controls that you have seen put in place so that risks are kept low?
## Field Level Risk Assessment

### Benefits

<table>
<thead>
<tr>
<th>For companies</th>
<th>For workers</th>
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<tbody>
<tr>
<td>Improve work methods and productivity</td>
<td>Reduce chance of injuries</td>
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<tr>
<td>Save direct cost</td>
<td>Gain security for their families</td>
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<tr>
<td>Gain a competitive edge</td>
<td>Improve morale</td>
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<td>Improve company safety data</td>
<td>Improve work place</td>
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<tr>
<td>Reduce “emotional” costs of accidents and injuries</td>
<td>Contribute to the company</td>
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<tr>
<td>Increase trust and confidence of workers</td>
<td>Improve ability to think critically</td>
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*Construction Owners Association of Alberta*
HART

Process

STOP & Think

Resume Work

Look Around & Find Hazards

Control Risks

Assess Risks
& Think

Do I clearly understand my task?
• yes
• no

Am I prepared to do the task? (physical & mental)
• yes
• no

What could go wrong?
• 1.
• 2.
Look around to find Hazards

Is there a risk to others or myself?
- 1. Others
- 2. Myself

What can change – to create a new risk?
- 1.
- 2.

Can others create risks to me?
- 1. Crew or other workers
- 2. Conditions
Assess Risks

How bad could this be?
• 1.
• 2.

What is the chance this will occur?
• 1.
• 2.
Control Risks

Who should I contact for help?

- If in doubt shout
- Contact your supervisor

What can I do to control the risk?

- Are permits or written forms needed?
- Are there special actions needed?

Will the control affect others?

- Do I need to tell anyone else?
- Are emergency response plans needed?
Resume work

Ask questions before and while doing a task
• Handout HART sheet and task
Acronyms

- **HART**  hazardous analysis review task
- **FLRA**  field level review assessment
- **AWHS** (Alberta workplace health and safety)
<table>
<thead>
<tr>
<th>Vocabulary</th>
<th>Definition</th>
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<tbody>
<tr>
<td>Hazard</td>
<td>an action or situation that could cause injury or death</td>
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<tr>
<td>Recognition</td>
<td>finding or seeing</td>
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<tr>
<td>Situation</td>
<td>condition</td>
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<tr>
<td>Recognize</td>
<td>know</td>
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<tr>
<td>Evaluate</td>
<td>think about</td>
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<tr>
<td>Control</td>
<td>limit</td>
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<tr>
<td>Risk</td>
<td>the danger that injury, damage, or loss will occur</td>
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<tr>
<td>Field level</td>
<td>the job site</td>
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<tr>
<td>Resume</td>
<td>start again</td>
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</tbody>
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Vocabulary

• Hazard an action or situation that could cause injury or death
• Recognition finding or seeing
• Situation condition
• Recognize know
• Evaluate think about
• Control limit
• Risk the danger that injury, damage, or loss will occur
• Field level the job site
• Resume start again
Sayings

• Take the job to heart
• If in doubt shout
  • Contact your supervisor
Test your knowledge on various workplace health and safety topics by playing our fun quizzes.

If you need a little help to answer the questions select a hint. But be careful, you're only allowed 3 hints per quiz.

And don't forget to check out the online resources and get more information on the topic.
Online Interactive Program

• Fun quizzes

• [http://employment.alberta.ca/whsquiz/wsa_quiz.asp](http://employment.alberta.ca/whsquiz/wsa_quiz.asp)

• Try these interactive, online quizzes and test your knowledge on various workplace health and safety topics.

• Produced By: AB Employment and Immigration, Workplace Health & Safety
Steps in Field Level Hazard Assessment

Step 1: STOP & THINK
Before starting work, look around the work site. Look for any existing or potential hazards.
Online Interactive Program

• Recognizing Workplace Hazards - See it Again for the First Time
  • Discusses the 5 steps in field level hazard assessment. Learners can practice applying the steps to various pictures.
• Produced By: AB Employment & Immigration (AEI), Workplace Health & Safety (WHS)
• http://employment.alberta.ca/3403.html
• AEI
• On-line Video Order
Clear Speech