

## Hazard Management Tool

Recognize		
<b>A:</b>  What activity can cause injury or illness? List Job Titles and Work Activities.	<b>B:</b>  What hazard group can cause injury or illness? Consider: <ul style="list-style-type: none"> <li>• Physical</li> <li>• Chemical</li> <li>• Biological</li> <li>• Musculoskeletal Disorders</li> <li>• Psychosocial</li> <li>• Safety</li> </ul>	<b>C:</b>  What potential hazards and contributing factors can cause worker injury or illness?
Write your answers here:		
<b>A:</b>	<b>B:</b>	<b>C:</b>  <b>Potential Hazards:</b>   <b>Contributing Factors (PEMEP):</b> <b>P:</b> <b>E:</b> <b>M:</b> <b>E:</b> <b>P:</b>



## Assess

### D: Probability

Estimate how likely the hazard is to cause injury, illness or damage to property. Consider:

- Nature of exposure
- Time spent exposed
- Number of workers exposed
- How often workers are exposed
- Historical data

Probability Rating Definitions:

- **High** – injury or illness due to exposure to this hazard is very likely
- **Medium** – there is a chance that the hazard will cause injury or illness
- **Low** – the hazard will probably not cause injury or illness

### E: Severity

Estimate how serious the injury, illness or damage could be using a scale of major, moderate or minor.

Severity Rating Definitions:

- **Major** – the hazard could cause fatal or serious injury, illness and/or property damage resulting in permanent or long-term disability and/or significant loss
- **Moderate** – the hazard could cause moderate injury, illness and/or property damage resulting in lost time
- **Minor** – the hazard could only cause minor injury or illness without lost time or other loss

### F: Level of Risk

Using the chart below, plot the probability and severity of the hazard to identify the level of risk.

		Probability of Injury (Column D)		
		High	Medium	Low
Severity of Injury (Column E)	Major	High	High	Medium
	Moderate	High	Medium	Low
	Minor	Medium	Low	Low

Write your answers here:

D:

E:

F:

Control		
<b>G: Legal Requirements</b>  Identify legal requirements or standards that apply to the identified hazards, work processes and activities.	<b>H: Current Controls</b>  What is currently being done to eliminate or control the hazards?	<b>I: Future Controls</b>  What future actions are needed to eliminate or control the hazards?  Make sure that hazard controls do not create new hazards.
Write your answers here:		
G:	H:	<b>Elimination:</b>  <b>Substitution:</b>  <b>Engineering:</b>  <b>Administrative:</b>  <b>Personal Protective Equipment:</b>

## Evaluate

**J:**

After the implementation of controls, how likely is the hazard to cause injury or illness now?

Probability Rating Definitions:

- **High** – injury or illness due to exposure to this hazard is very likely
- **Medium** – there is a chance that the hazard will cause injury or illness
- **Low** – the hazard will probably not cause injury or illness

**K:**

After the implementation of controls how serious, could the harm be now?

Severity Rating Definitions:

- **Major** – the hazard could cause fatal or serious injury, illness and/or property damage resulting in permanent or long-term disability and/or significant loss
- **Moderate** – the hazard could cause moderate injury, illness and/or property damage resulting in lost time
- **Minor** – the hazard could only cause minor injury or illness without lost time or other loss

**L:**

Using the chart below, plot the probability and severity of the hazard to identify the level of risk

		Probability of Injury (Column J)		
		High	Medium	Low
Severity of Injury (Column K)	Major	High	High	Medium
	Moderate	High	Medium	Low
	Minor	Medium	Low	Low

**Write your answers here:**

**J:**

**K:**

**L:**