

## Hazard Management Tool

RECOGNIZE			
Requirement	<p><b>A:</b></p> <p>What activity can cause injury or illness? List Job Titles and Work Activities.</p>	<p><b>B:</b></p> <p>What hazard group can cause injury or illness? Consider:</p> <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>	<p><b>C:</b></p> <p>What potential hazards can cause worker injury or illness? Consider potential/actual exposures to hazards under the hazard group identified in Column B.</p>
Write your answers here			

## ASSESS

Requirement	<b>D: Probability</b>	<b>E: Severity</b>	<b>F: Level of Risk</b>																					
	<p>Estimate how likely the hazard is to cause injury, illness or damage to property. Consider:</p> <ul style="list-style-type: none"> <li>▪ Nature of exposure</li> <li>▪ Time spent exposed</li> <li>▪ Number of workers exposed</li> <li>▪ How often workers are exposed</li> <li>▪ Historical data</li> </ul> <p>Probability Rating Definitions:</p> <ul style="list-style-type: none"> <li>▪ High - injury or illness due to exposure to this hazard is very likely</li> <li>▪ Medium - there is a chance that the hazard will cause injury or illness</li> <li>▪ Low - the hazard will probably not cause injury or illness</li> </ul>	<p>Estimate how serious the injury, illness or damage could be using a scale of major, moderate or minor.</p> <p>Severity Rating Definitions:</p> <ul style="list-style-type: none"> <li>▪ 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</li> <li>▪ Moderate - the hazard could cause moderate injury, illness and/or property damage resulting in lost time</li> <li>▪ Minor - the hazard could only cause minor injury or illness without lost time or other loss</li> </ul>	<p>Using the chart below, plot the probability and severity for the hazard to identify the level of risk.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" rowspan="2"></th> <th colspan="3">Probability of Injury (Column D)</th> </tr> <tr> <th>High</th> <th>Medium</th> <th>Low</th> </tr> </thead> <tbody> <tr> <th rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Severity of Injury (Column E)</th> <th>Major</th> <td style="background-color: red; color: white;">High</td> <td style="background-color: red; color: white;">High</td> <td style="background-color: orange;">Medium</td> </tr> <tr> <th>Moderate</th> <td style="background-color: red; color: white;">High</td> <td style="background-color: orange;">Medium</td> <td style="background-color: yellow;">Low</td> </tr> <tr> <th>Minor</th> <td style="background-color: orange;">Medium</td> <td style="background-color: yellow;">Low</td> <td style="background-color: yellow;">Low</td> </tr> </tbody> </table>			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
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<b>CONTROL</b>			
Requirement	<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.
Enter your answers			

## EVALUATE

Requirement	<b>J:</b> After implementation of controls how likely is the hazard to cause injury or illness now? Probability Rating Definitions: <ul style="list-style-type: none"> <li>▪ High - injury or illness due to exposure to this hazard is very likely</li> <li>▪ Medium - there is a chance that the hazard will cause injury or illness</li> <li>▪ Low - the hazard will probably not cause injury or illness</li> </ul>	<b>K:</b> After implementation of controls how serious, could harm be now? Severity Rating Definitions: <ul style="list-style-type: none"> <li>▪ 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</li> <li>▪ Moderate - the hazard could cause moderate injury, illness and/or property damage resulting in lost time</li> <li>▪ Minor - the hazard could only cause minor injury or illness without lost time or other loss</li> </ul>	<b>L:</b> Using the chart below, plot the probability and severity for the hazard to identify the level of risk <div style="text-align: center; margin-top: 10px;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2" rowspan="2"></th> <th colspan="3">Probability of Injury (Column J)</th> </tr> <tr> <th>High</th> <th>Medium</th> <th>Low</th> </tr> </thead> <tbody> <tr> <th rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Severity of Injury (Column K)</th> <th>Major</th> <td style="background-color: red; color: white;">High</td> <td style="background-color: red; color: white;">High</td> <td style="background-color: orange;">Medium</td> </tr> <tr> <th>Moderate</th> <td style="background-color: red; color: white;">High</td> <td style="background-color: orange;">Medium</td> <td style="background-color: yellow;">Low</td> </tr> <tr> <th>Minor</th> <td style="background-color: orange;">Medium</td> <td style="background-color: yellow;">Low</td> <td style="background-color: yellow;">Low</td> </tr> </tbody> </table> </div>			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
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