Hazard risk assessment tool sample

Employer:

Activity:						
Recognize			**Assess**	**Control**	**Evaluate**	
Tasks	**Hazards**	**Risks**	**Risk factor (FxPxS)**	**Control(s)**	**Residual risk factor (FxPxS)**	**Monitor and review**
Break the activity down into steps.	List any potential hazards for each step involved in completing the activity.	Identify any potential risks for each hazard.	Using the scale below, determine the numerical value for the frequency (F), probability (P), and severity rating (S) of each hazard. Next, calculate the product of these three numbers (i.e., multiply FxPxS).	Provide at least one control for each hazard. Consider the control's effectiveness at the source, along the path, and at the worker.	After implementing the control, calculate the residual risk factor (i.e., the risk factor with controls in place) for each hazard. Is it acceptable? Has it decreased? Compare the risk factor to the threshold level (i.e., is risk low, medium, or high?)	How is the residual risk communicated and monitored? How will controls be monitored and reviewed?

Threshold level for residual risk factor		
Low risk (1-19)	**Medium risk (20-39)**	**High risk (40-64)**
Suggested actions • Communicate residual hazards and controls • Monitor continuously • Report changes	**Suggested actions** • Implement the suggested actions for low-risk tasks. • Implement additional safe work practices as needed	**Suggested actions** • Implement the same suggested actions for low- and medium-risk tasks. • Implement additional written procedures as required and increase supervision. • Implement additional controls.

Note: *The risk rating and threshold criteria are examples only. Employers must develop their own criteria based on organizational health and safety objectives*

Frequency, probability, and severity scales

Frequency (the number of times a worker who does the task is exposed to the hazard):

1: Less than once a month
2: At least once a month but less than once a week
3: At least once a week but less than once a day
4. At least once a month

Probability (the reasonable expectation of an incident occurring):

1. Practically impossible (one in a million chance)
2. Possible (has been known to happen before)
3. Probable (better than 50 per cent chance)
4. Very likely (expected to happen)

Severity (the degree of harm that exposure to the hazard could result in)*:

1. Negligible (little to no impact)
2. Marginal (requires first aid or medical treatment)
3. Serious (lost-time injury)
4. Critical (severe injury or death)

**If a severity rating is 3 or 4, controls must be established.*

Hazard risk assessment tool sample

Employer:

Activity: Installing and dismantling a suspended work platform						
Recognize			**Assess**	**Control**	**Evaluate**	
Tasks	**Hazards**	**Risks**	**Risk factor (FxPxS)**	**Control(s)**	**Residual risk (FxPxS)**	**Monitor and review**
[Task #1]	[Hazard #1]	[Risk #1]				
	[Hazard #2]	[Risk #2]				
[Task #2]	[Hazard #1]	[Risk #1]				
	[Hazard #2]	[Risk #2]				