

# Risk Management / Risk Analysis in ISO 45001:2018

**Committed to Safe  
and Healthy  
Workplaces**

# Risk-Based Thinking

An informal risk management system aimed at improvement

Likelihood

Very Likely	Yellow	Yellow	Red	Red	Red
Likely	Green	Yellow	Yellow	Red	Red
Quite Possible	Green	Green	Yellow	Yellow	Red
Possible	Green	Green	Green	Yellow	Yellow
Not Like	Green	Green	Green	Green	Yellow
	Trivial	Trivial	Significant	Major	Catatstrophic

Impact

# Risk-Based Thinking

## Example: What can go wrong with a Process?

- Purchasing Process
  - Single Source supplier is shut down by the onset of an Infectious Virus
- What is the impact?
  - You are shut down
- What is the likelihood it will happen?
  - Unlikely (But it can happen)
- How do you mitigate the risk?
  - Find another supplier
  - Revise design to allow other options

## Risk Management / Risk analysis in ISO 45001:2018

In the new ISO 45001:2018 document risk is emphasized, and the word 'risk' appears some 100 times in clauses 5, 6, 7, 8, 9, & 10 with the requirements outlined in clause 6.

The main risk management requirements are outlined in clause 6.1 - Actions to address risks and opportunities.

This clause addresses the risks and opportunities when planning for the OH&S management system (OHSMS).

However, throughout the standard, the risks associated with the operational processes and activities need to be addressed to meet requirements at an acceptable risk level.