

COVID Risk Management Toolkit (Overview)

Generic Approach



Comprehensive Strategy



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Understanding COVID-related Risk

Areas of focus

- *Likelihood* of circumstances (exposure) that will cause ill health or disease while at work

mainly considers Infrastructure and Work Activities → (1 + 2)

Severity of Illness and the outcome → Personal Health factors (3)

Remember

- The Work (2)

The Worker (3)

The Workplace (1)



COVID Risk Management Toolkit (Overview)

Description			Details	Justification	Output	Reference Documents
Step 1	Workplace Assessment (Generic Workplace Assessment)	Risk -	<p>General Risk Assessment to determine the overall controls needed for the workplace.</p> <p>An example risk assessment for businesses when carrying out a risk assessment for COVID-19.</p>	<p>Documentation of the current rules that are in place. First Step in achieving compliance with the SHaW Act (2005)</p>	<p>Generic Risk Assessment Guidance for workplace hazards including infectious diseases</p> <p>File Name: Risk Assessment Template - refer to the Generic Risk Assessment Tab</p>	<p>Health and Safety Executive for Northern Ireland</p>
			<p>This app, uses a theoretical model to calculate safe exposure times and occupancy levels for indoor spaces. By adjusting room specifications, ventilation and filtration rates, face-mask usage, respiratory activities, and risk tolerance (in the other tabs), you can see how to mitigate indoor COVID-19 transmission in different indoor spaces.</p> <p>This guideline does not take into account short-range transmission through respiratory jets, which may substantially <u>elevate risk when face masks are not being worn</u> (Bazant & Bush, 2020).</p>	<p>Quantitative Tool that provides the authorities and employer with a clearer reference and objective evidence to support occupancy limits</p>	<p>Quantitative Guidance for room occupancy (based on numbers and/or duration)</p> <p>File Name: Risk Assessment Template - refer to the Indoor Assessment Tab</p>	<p>Covid-19 Indoor Safety Guideline (MIT App)</p>

COVID Risk Management Toolkit (Overview) continued

Description		Details	Justification	Output	Reference Documents
Step 2	Exposure Assessment specific to Covid-19 and the work activities (Work Assessment)	The one size fits all approach is a challenge to maintain and sustain. We are proposing medium to large businesses move to a risk-based approach to managing more specific COVID exposure risks in the workplace.	Continuation of the work and rules that has already been done	A more detailed evaluation of work activities based on key COVID considerations File Name: COVID-19 Risk based Mitigation Toolkit (this excel file)	Multi-sourced matrix developed based on established practices - BMI Calculator
Step 3	Health Risk Assessment (Worker Assessment)	Identified personal health factors that are associated with severe illness e.g. diabetes. Backed by evidence (patient health profiles, hospitalization rates, survival rates) Requires up to date knowledge of current health status Best Practice – A Medical team should conduct the assessment	Significant factor in the likely severity of illness if an individual becomes infected (with Covid). Like an Ergonomic or Radiation Assessment, this is a detailed review of an individual's risk based on workplace exposure to a specific hazard	A more detailed evaluation of worker based on key COVID considerations File Name: COVID-19 Risk based Mitigation Toolkit (this excel file)	All Wales Covid-19 Risk Assessment
Step 4	Documentation and Sign off	As per acceptable risk assessment guidelines	As per acceptable risk assessment guidelines	Objective evidence of the risk assessment process	
Step 5	Implementation and Monitoring			Structured process to ensure ongoing assessment of risk and suitability of controls	
Step 6	Review				