



NZ BRIDGE HAZARD IDENTIFICATION AND RISK ASSESSMENT – updated 16 April 2020

Completing on behalf of:	Activity Description:
Assessment done by and when:	
Notes:	

Section 1.	Hazards: Potential Damaging Energies (Mark X where appropriate)			
Environment		Radiation		Biological
Adequate access		Ionizing radiation		Microbiological
Air-conditioning		Non-ionizing radiation		Animal tissue / Fluids
Confined spaces				Human tissue / Fluids
Lighting				Allergenic
Exercise		Kinetic Energy		Other Biological
Mental stress		The body hitting objects		
Ergonomics		Hit by moving objects		Chemical / Hazardous Substance
Emergency Access plan in place		Explosion		Liquids
Sitting long periods		Penetrating objects		Fumes
Temperature / Weather Effects		Vibration		Gases
Heat		Acoustic / Noise		Vapours / Mists
Cold				Solids
Rain / Flood		Energy		
Wind		Electrical		Manual Handling
Pressure (Diving / Altitude)		Gravity		Lifting / Carrying
Lightning		Falls / Trips / Slips		Pushing / Pulling
Smoke		Falling objects		Posture
				Reaching/ Overstretching
Health and Security		Mechanical		Repetitive movement
Food		Vehicles		Bending
Poisoning or Contamination		Mobile and Fixed plant		
Intoxication		Powered Equipment		Miscellaneous
Dehydration		Non-Powered Equipment		Working at heights
Violence				Cuts / lacerations
Working alone		Child and Youth Health and Safety		Driving
Bites / Stings		Abuse		Time pressures
Bullying		Bullying		International Travel
Coughing		Billeting		
Personal Hygiene (spread of germs)		Environment		

Feel free to add other lines any time. These are designed as prompts.

Section 4 – Implementation Plan			
Control Option	Resources	Person(s) Responsible	Proposed Implementation date

Section 5 – Consultation			
Have relevant staff been consulted in relation to this risk assessment? Yes [] No [] If yes, indicate who was consulted.			
Name:	Date:	Name:	Date:

Section 6 – Comments and Endorsements		
Completed by Name:	Signature:	Date:
Assessment Approval:		
I am satisfied that the risks are not significant and/or adequately controlled and that resources required will be provided.		
Name:	Signature:	Date:
Position Title:		

Risk Assessment Matrix

PRIORITISING HAZARDS AND RISKS

	Probability			
	Consequences	Very Likely	Likely	Unlikely
Life Threatening	High	High	High	Medium
Detrimental	High	High	Medium	Medium
Harmful	High	Medium	Medium	Low
Negligible	Medium	Medium	Low	Low

HAZARD CONSEQUENCE RATING TABLE

Life Threatening	Hazard may cause death or total loss of one or more bodily functions (eg. loss of: or use an arm, an eye, huge financial loss etc).
Detrimental	Hazard may cause severe injury, illness or permanent partial loss of one or more bodily functions (eg. noise induced hearing loss), or serious property damage, loss of production capability.
Harmful	Hazard may cause a reportable incident ie. an incident that results in the employee being unable to undertake their normal duties for 7 days or more, or significant property damage, high financial loss.
Negligible	Hazard may cause minor injury, illness or property damage, first aid treatment only or no injury, low financial loss.

PROBABILITY RATING TABLE

Very Likely	Exposure to hazard likely to occur frequently.
Likely	Exposure to hazard likely to occur but not frequently.
Unlikely	Exposure to hazard unlikely to occur.
Highly Unlikely	Exposure to hazard so unlikely that it can be assumed that it will not happen.

RISK PRIORITY TABLE

Risk Priority	Definitions Of Priority	Suggested Time Frame
High	Situation critical, stop work immediately or consider cessation of work process. Must be fixed today, consider short term and/or long term actions.	Now
Medium	Is very important, must be fixed this week, consider short term and/or long term actions.	This Week
Low	Is still important but can be dealt with through scheduled maintenance or similar type programming. However, if solution is quick and easy then fix it today. Review and/or manage by routine procedures.	1 - 3 Months