



# Hazard Assessment and Control Form

<b>Severity - How serious could the consequences be?</b> 3- It could kill you or cause a permanent disability, today or over time. 2- It could send you to the hospital. 1- It could make you uncomfortable.		<b>Likelihood - How likely is it going to happen?</b> 3- It is highly likely. 2- It might happen. 1- It is unlikely.		<b>Risk:</b> Calculate the risk of hazards to prioritize preventive actions. Severity x Likelihood = Risk		
<b>Equipment and/or Process Needed</b>	<i>Renishaw Raman Microscope</i>			<b>Final Assessment</b>	2	<b>Version:</b> 1.0
<b>Assessment performed by (reviewed by):</b>				<b>Date of assessment:</b>	<i>July 5, 2021</i>	Reviewed/revised:
Tasks (List all tasks/activities expected)	Hazards (List all potential health and safety hazards)	Severity	Likelihood	Risk	Controls (List the controls for each hazard: Elimination, Engineering, Administrative, Personal Protective Equipment)	Date implemented:
		S x L = R				
work Alone	Bad communication (no landline phone and poor cell phone reception insid the lab) in case of an emergency	2		2	Users need to have a mobile phone with Wi-Fi for communication. "Buddy" is recommended for after hour access	
Class 3B laser	Laser is used in the experiment. Be aware of it. Make sure the chamber door is close.	2		2		
				0		
				0		
				0		
				0		
Additional Equipment Hazards not related to specific tasks (Potential hazards related to the equipment itself)	Hazards	Severity	Likelihood	Risk	Controls (List the controls for each hazard: Elimination, Engineering, Administrative, Personal Protective Equipment)	Date implemented:
		S x L = R				
				0		
				0		
				0		
				0		
				0		