

## Use of Class 1M, 2/2M, and 3R Lasers Hazard and Risk Assessment

<b>Assessor Name</b>	<b>Email</b>	<b>Assessment Number</b>	
<b>School / Department / Room</b>	<b>Tel:</b>	<b>Date of Assessment</b>	

**NOTE:** Without the use of magnifying optics 1M devices do not pose an eye hazard, neither do 2M or Class 2 devices as long as the user does not stare into the beam (eye protection is normally afforded by the aversion responses). An eye injury is possible if there are exposure times in excess of more than 0.25 seconds from Class 2/2M lasers, exposure to Class 1M/2M; or if Class 3R lasers are viewed directly. Risk of eye injury is low. There is no skin or fire hazard.

<b>BRIEF DESCRIPTION OF THE WORK ACTIVITY INVOLVING THE LASER</b>

<b>LASER SPECIFICATIONS:</b>	
<b>Manufacturer</b>	
<b>Model</b>	
<b>Maximum Power (mW)</b>	
<b>Wavelength Range</b>	

<b>OPTICAL AND NON OPTICAL HAZARDS</b>		
<b>Hazards</b>	<b>Risk</b>	<b>Control Measure</b>

<b>CONTROLS MEASURES</b>	
<b>Do!</b>	<ul style="list-style-type: none"> <li>✓ Follow the manufacturer's safety instructions</li> <li>✓ Take care when operating the laser system</li> <li>✓ Leave the laser on only when necessary</li> <li>✓ Restrict unauthorised use</li> <li>✓ Terminate the beam at the end of its useful path</li> </ul>
<b>Do Not!</b>	<ul style="list-style-type: none"> <li>✗ Do not point towards anyone deliberately</li> <li>✗ Do not point towards mirrored surfaces that may cause unintended reflections</li> <li>✗ Never look directly into the laser aperture or the beam when on</li> <li>✗ Do not use optical components to focus the beam unintentionally</li> <li>✗ Never allow unauthorised use of the laser</li> </ul>