### ST. LAWRENCE UNIVERSITY

#### RADIATION SAFETY OFFICE

**Annual Safety Audit For Using Regulated Lasers**

<table>
<thead>
<tr>
<th>SAFETY MEASURE</th>
<th>Class IIIa</th>
<th>Class IIIb</th>
<th>Class IV</th>
<th>This laser</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective housing</td>
<td>R - LSO</td>
<td>R - LSO</td>
<td>R - LSO</td>
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<tr>
<td>Access panel interlocks</td>
<td>NR</td>
<td>R</td>
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<tr>
<td>Closed beam</td>
<td>NR</td>
<td>R - LSO</td>
<td>R - LSO</td>
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<tr>
<td>Partly open beam</td>
<td>NR</td>
<td>LSO</td>
<td>LSO</td>
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<tr>
<td>Open Beam</td>
<td>LSO</td>
<td>LSO</td>
<td>LSO</td>
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<tr>
<td>Key or Combination power switch</td>
<td>NR</td>
<td>S</td>
<td>R</td>
<td></td>
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<tr>
<td>Laser ON warning system</td>
<td>NR</td>
<td>R</td>
<td>R</td>
<td></td>
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<tr>
<td>Laser control area</td>
<td>NR</td>
<td>R - LSO</td>
<td>R</td>
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<tr>
<td>Area signage</td>
<td>S</td>
<td>R</td>
<td>R</td>
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<td>Labels</td>
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<td>R</td>
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<tr>
<td>Standard Operating Procedures</td>
<td>NR</td>
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<td>Alignment Procedures</td>
<td>S</td>
<td>R</td>
<td>R</td>
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<td>Education and Training</td>
<td>S</td>
<td>R</td>
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<td>Personnel authorization</td>
<td>NR</td>
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<td>PI presence when laser is ON</td>
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<td>Eye protection</td>
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<td>Skin protection</td>
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<td>R – LSO</td>
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<td>System modification</td>
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<td>Service and repairs</td>
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<td>LSO</td>
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<tr>
<td>Protective barriers or curtains</td>
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<td>S</td>
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<tr>
<td>REPORT INCIDENTS/ACCIDENTS</td>
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<td>R</td>
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<td>Spectator control</td>
<td>NR</td>
<td>S</td>
<td>R</td>
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</tbody>
</table>

R = required    S = suggested    NR = not required

LSO = to be determined or approved by the Laser Safety Officer.

R – LSO = exceptions determined by the Laser Safety Officer