

# Job Safety Analysis Form

<b>Picture of task/equipment:</b>	<b>Task:</b>	USING UV LAMP/ EQUIPMENT WITH UVA RADIATION (315 NM TO 400 NM)
	<b>Name of Shop or Dept:</b>	
	<b>Job Title(s):</b>	
	<b>Analyzed by:</b>	
	<b>Date:</b>	
<b>Required PPE:</b>		
<ol style="list-style-type: none"> <li>1. Lab Coat</li> <li>2. Closed Toe Shoes</li> <li>3. UV-filtering face shields</li> <li>4. Long-sleeved shirt</li> </ol>		
<b>Required/Recommended Trainings:</b>		
<ol style="list-style-type: none"> <li>1. Bruin Safety Training</li> <li>2. Lab Safety Training</li> <li>3. Hazardous Waste</li> </ol>		
<b>TASK</b>	<b>HAZARDS</b>	<b>CONTROLS</b>
1. Using UV lamp in biological safety cabinet	1a. UVA radiation exposure can produce tanning, burning of the skin, and can lead to cataracts. There are no immediate warning symptoms.	1a-1. Lamp should NEVER be on while user is working in the cabinet 1a-2. Fan should be off and sash closed while the light is on. 1a-3. Never look directly at a UV light source, regardless of your distance from it.
2. Disposal of UV light	2a. UV light has mercury content, which is dangerous to health if handled improperly.	2a1. If you come into contact with broken UV lightbulb, go to Occupational Health or the ER if after hours.
3. UV Generating Equipment	3a. UVA radiation exposure can produce tanning, burning of the skin, and can lead to cataracts. There are no immediate warning symptoms.	3a1. If radiation is not totally enclosed, wear a UV-filtering face shield, long sleeve shirt, gloves, and pants. 3a2. Skin protective agents and creams provide partial to full protection. 3a3. Carefully study manual supplied by manufacturer and do not deviate from instructions. 3a4. Place UV warning signs on equipment and area. Only authorized users can use equipment. 3a5. If burned, go to Occupational Health or ER. 3a6. A plexi-glass barrier blocks and shields users from harmful radiation.