



Bar-Ilan University

Safety Dept, Laser Safety

Laser lab – safety instructions

1. Direct or reflected laser beam can cause damage to the eye and the skin
2. **Before operating the laser verify that:**
 - a. Lab door is locked or secured to prevent the entry of un-authorized personnel,
 - b. Curtains and shields are properly in place.
 - c. Warning light outside the lab is on
 - d. Beam stoppers are in place
 - e. The laser and optical components are fastened in place to limit their movements.
 - f. All personnel in the lab are wearing proper laser safety goggles
3. **Alignment of the laser system:**
 - a. Alignment must be performed, using reduced laser power or special alignment lasers.
 - b. Wear suitable laser safety goggles as needed.
 - c. As much as possible align the laser with a camera and a computer.
 - d. When alignment is completed, contain the beam path the best you can to prevent exposure to the laser beam.
4. **In case of an incident, do the following:**
 - a. In case of a skin burn from the laser, treat it with burn ointment,
 - b. In case of eye injury or a suspected injury from the laser, call for medical attention, at the nearest medical center.
 - c. Report all laser accidents and incidents to the safety department and laser safety officer. In case of emergency, **dial 7777** .
5. Contact the laser safety officer, Dr Naomi Sinai, **054-7861577** for information and assistance with laser- safety issues.