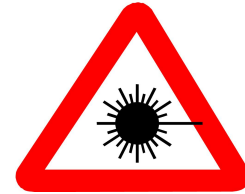


# LASER SAFETY PRECAUTIONS



Before operating the laser, please read carefully the below safety notes:

## Optical Safety

1. DO NOT aim this laser on yourself and others, especially their face and eyes. Even temporary exposure can cause significant damage to the face and the eye, so much as burning and blind.
2. DO NOT aim this laser on animals.
3. Never use your laser in the vicinity of highways and airports. DO NOT target moving vehicles and airplanes.
4. Never randomly aim a laser out the window.
5. DO NOT use a laser at the place marked “No smoking” “inflammable and explosive” and easily caused the danger.
6. Avoid pointing a laser at any reflective surfaces, e.g. mirror, glass and bright metal. Unintentionally reflected beams can easily violate laser safety tip #2.
7. Never import a laser which disobeys the laser safety regulation or law of this country.
8. Wearing a set of proper laser safety goggles is a good idea. Though laser safety goggles can protect a person's vision, it's always best to remember NEVER to look into a laser beam or bright reflection even when wearing laser safety goggles.
9. Never place the laser any where easily hurt human.
10. Use an infrared detector to verify that the laser beam is on or off before working on the laser.
11. Set up controlled access areas with for laser only in well marked areas with controlled access. Be sure to post appropriate warning signs visible to all.
12. The operation of lasers should be under the supervision of qualified personnel only. When not in use, lasers should be shut down completely and made off-limit to unauthorized personnel.
13. Limit access to the laser system to persons required to be present.
14. Laser should be operated in the ambient of clean and dry and no electric.
15. Maintain experimental setups at low level to prevent inadvertent eye encounter with beams.

## Electrical Safety Precautions

1. Disconnect main power lines before working on any electrical equipment when it is not necessary for the equipment to be operating.
2. Never work on electrical equipment unless there is another person nearby who is familiar with the operation and hazards of the equipment, and who is competent to administer first aid.
3. When possible, keep one hand away from the equipment to reduce the danger of current flowing through the body if a live circuit is accidentally touched.
4. Always use approved, insulated tool when working on equipment.
5. Special measurement techniques are required for this system. Ground references must be selected by a technician who has a complete understanding of the system operation and associated electronics.