

**Laboratory Operating Procedures
for
HeNe (Helium Neon) Laser (5-10 mW)
Normal Operation**

0. Unauthorized personnel are required to leave the room.
1. Turn on the laser warning light. Doors to the laboratory are locked for controlled access.
2. Authorized personnel are required to wear safety goggles.
3. Authorized personnel are instructed not to look directly into the laser beam or its spectral reflection.
4. The laser head is connected to the key controlled power supply with key in the **OFF** position. Check that the connection is secured so to avoid high voltage hazards.
5. The power supply is plugged into the wall.
6. Keyed controlled power supply is turned on with laser safety window closed until the beam is needed.
7. When the experiment is completed or postponed to a later date, the **laser** is turned **OFF**.
8. Safety goggles may now be removed.
9. At the end of the experiment, the power supply is disconnected from the wall and the laser head is disconnected from the power supply.
10. The equipment is appropriately stored away in the equipment cabinets.
11. The laser warning light may be turned off and the laboratory door may be unlocked.