

Post this procedure conspicuously in the lab so it can be referred to easily before laser alignments.

Laser alignment procedures

- Review the manufacturer's operating manual and safety instructions.
- Determine the potential hazards before beginning alignment.
- Notify lab personnel that you are doing an alignment.
- Limit lab access to only authorized personnel.
- Enable warning devices and post warning signs.
- Provide for all needed equipment before starting.
- Remove watch and jewelry.
- Remove all unnecessary items from the work area.
- Ensure all personnel in the lab are wearing the appropriate laser protective eyewear.
- Use indirect means to see visible wavelengths while wearing laser protective eyewear.
- Wear appropriate skin protection, including to cover the face, especially when working with UV wavelengths.
- Use the lowest power possible, or use a lower power alignment laser.
- Use materials that yield only diffuse reflections.
- Clearly mark beam paths, and barricade against personnel passage.
- Block the beam before placing optics into the beam path.
- Restore any normal laser safety controls disabled during the alignment process.