

Laser Equipment Field Training

This information is to comply with OSHA 29CFR1926.54 (required training)

1. **OSHA tells us that only a qualified employee shall install, adjust and or operate a laser of any type.** Every employee working near the laser must be trained in its safe use.
2. **The laser operator must have proof of his qualification in his possession at all times** when using the laser. Remember that all skills are available in the I-PAD with HCSS.
3. The laser we use is 5mw or less and does not require special protective glasses. Even with that said **NEVER LOOK AT THE LASER BEAM, your eyes can be permanently damaged.**
4. **Anytime a laser is in use, signs must be posted.** I would suggest having signs on sticks that can be put into traffic cones. Its easy to set them up. We could also set up semi-permanent signs that say, "Laser under 5mw used daily at this site". At a minimum we need them where we are using the laser and they should be visible from all sides.
5. **Never ever point a laser at a person.** This is not a toy and can injure a person.
6. **If it is foggy or raining you cannot use a laser.** The beam can be reflected and magnified by the water droplets. When magnified it has more of a chance of damaging your eyes.
7. **Laser light beams should be set up so that it is above the heads of all workers in the area or down near the feet.** This helps reduce accidental exposure to the eyes.
8. If we ever use a laser that is above 5mw, every person in the area must wear protective glasses. Also, a sign with more restrictions must be placed in the area.
9. If you are setting up the target pole, use caution to not look at the laser. Always find the beam with your target.
10. Lasers are a great tool for setting grade when installing storm systems and such, but you must respect the power they have. It is user friendly when you treat it with respect.