

SAFE WORK PRACTICES

3.9 SAFE USE OF LASER BEACONS

Safe Work Practices:

1. Ensure equipment is inspected and maintained regularly according to manufacturer's guidelines.
2. Ensure workers have been properly trained or reviewed the Set-up, Troubleshooting and Calibration Manual.
3. Ensure all personnel wear the proper P.P.E in accordance with the standard nature of work. ie: Hard hat, safety goggles, ear plugs, etc. to prevent injury.
3. Equipment should be locked up to ensure it is not accessible by untrained individuals.

Procedures:

1. Ensure the laser is positioned on a flat surface or on a tripod.
2. Ensure location of laser is positioned where the rotating beam will be at a convenient height and will not be obstructed.
3. Press start button to activate the laser and if the "Off Level Indicator" is blinking, press the appropriate button to set the laser in Automatic Mode.
4. Set the rotation speed of the rotating beam. Faster is better for Rod Eye-7; slower is appropriate for seeing the beam.
5. Attach the Rod Eye to the Rod Eye Bracket.
6. Attach the Rod Eye Bracket to a Grade Rod or a stick and place the rod or stick at a point where you want to take an elevation reading. (Keep the rod or stick as plumb as possible.)
7. Press the appropriate Rod Eye button to apply power and set the bandwidth (narrow, normal or wide).
8. Set the audio volume. Press the button until the LCD shows the necessary volume (off, low, or high).
9. Loosen the Rod Eye Bracket's knob, slide the Rod Eye and bracket up and down until the LCD shows the laser light "on-centre" and tighten the knob.
10. In the event of problems with the above steps, refer to the manual, located in the office.