

Soldering- Safety Instructions:

Before Soldering:

- **Three things to wear:**
 1. Gloves
 2. Respirator mask
 3. Safety goggles



While Soldering:

- **Do's and Don'ts:**
 1. Do not inhale the fumes during soldering.
 2. Check whether the fume extractor is ON.
 3. Bring the fume extractor as close as possible to the object being soldered.
 4. Do not flick or shed solder on the bench or floor.

After Soldering:

- **Cleaning Instructions:**
 1. Wipe the surfaces of the bench with a wet wipe at the end of soldering session.
 2. Use the lead-free tip cleaner to clean the soldering iron.
 3. After removing gloves, wash your hands in the portable sink provided in the RF lab before making contact with other surfaces.
 4. Place the lead solder in the plastic bag after soldering.
 5. Turn off the soldering station before you leave.
- **Disposal Instructions:**
 1. Lead solder residues, copper braids (used in de-soldering), and solder sponges must be disposed in dross containers placed by individual soldering stations.
 2. All components that are soldered with lead-solder must be deposited in the container.
 3. Dispose the gloves in the container provided by UF Environmental Health and Safety.