**Soldering Iron: Standard Operating Procedure**

1. Adjust temperature of soldering Iron (if adjustable) to 350-400 C for normal soldering. Higher temperatures may be necessary if heavier material has to be soldered, try to not exceed 500C.

2. Ensure workspace is uncluttered and leads are not tangled or damaged.

3. Ensure that the work piece is not connected to live power source prior to beginning job.

4. Touch the tip of the soldering iron to the material to be soldered then apply the solder so that the flux inside the solder runs to the material. Don’t move the soldering tip until the solder runs on the material otherwise you may get “dry joint”.

5. Do not keep large quantities of flammable liquids in vicinity of soldering station.

6. Avoid inhaling the fumes from the solder.

8. Solder contains lead, wash your hands after soldering.

9. Turn off soldering iron after use.

Taken from: http://www.bluesat.unsw.edu.au/