

CNC Plasma

- [CNC Plasma 14 Day Maintenance](#)
- [3d Print Files For CNC Plasma Table](#)

CNC Plasma 14 Day Maintenance

Test the PH of the water

1. Locate the PH test strips, in the computer cubby hole at the CNC Plasma Computer station.
2. Use a stick or other object to lightly stir the water in the table. Just lightly move the water in between the slats, careful not to splash out. Stir at least half the table.
3. Remove one PH test strip from the bottle, seal the bottle back up quickly and make sure the lid is snug, the strips will go bad when exposed to air.

NOTE: Prior to wetting the strip, read steps 4 through 6 before continuing. The pH strip reading is most accurate immediately after the strip is wetted, and the indicated pH will continue to change after wetting.

4. Dip the colored end of the strip into the water for about 1 second. Remove and shake excess fluid from the strip.
5. Compare the strip to the color chart on the bottle as follows:
 - Hold the bottle in your left hand up right
 - Hold the test strip in your right hand by the portion that is not exposed to the liquid
 - Match the colors on the test strip parallel to one of the 14 rows corresponding to the pH on the bottle
6. Take note of the PH reading:
 - If the reading closely matches two rows on the bottle, record the pH to the 0.5 increment between the two rows
 - Example: The test strip shows between 9 and 10. The pH is recorded as 9.5
7. Return the pH test strip bottle to the CNC Plasma computer cubby.
8. Make an Air Table (Not ASANA) tool report:
 - In the "What would you like to Report" Section, enter "CNC Plasma 14 Day Maintenance entry: pH=[the measured pH]"
 - If the PH reading is NOT between 9 and 10:
 - Check "Create an Asana Task?" task to adjust the PH level of the table.
 - Indicate in the "What would you like to Report" section "pH adjustment is required" in addition to the pH measurement entry above.

3d Print Files For CNC Plasma Table

Hose Filler

This is best printed on its side.

[Plasma Table Water Supply v2.step](#)[Plasma Table Water Supply v2.step](#)

Overflow tube (sorry, it has reverse thread but it works fine).

The main tube is best printed on its side so the layer lines run along the part.

The gasket is printed from TPU

[Plasma Table Bulkhead Fittings v2.step](#)