Laser induction practical

This document covers the part of the induction following the presentation. It includes a mix of actual and simulated tasks.

# 1. Examiner activities

1. Laser on, warmed up and homed
2. Start Ruby from the application menu
   1. Ruby open in the browser
   2. Ruby activated in the notification tray
3. Ruby logged in to the induction user:
   1. User: laser@induction
   2. Pass: Laser@1nduction
4. Delete all previous induction designs and jobs (just to reduce confusion)

# 2. Inductee activities

They should do these with minimal prompting by the examiner.

Explain that they will be simulating some steps (e.g. turning on the laser) to save time.

1. [Simulate] Turning on the laser
2. [Simulate] Tapping their fob on the tool control
3. [Simulate] Laser warm up (laser head to home, bed lowers)
4. Cleanup
   1. Move laser head
   2. Lower bed if necessary
   3. Place blue towel
   4. Remove nozzle, lens, and mirror
   5. [Simulate] Cleaning of each
   6. Replace nozzle, lens, and mirror
5. [Simulate] Open Ruby and login
6. Go to “Design”
7. Import tag from Desktop / Laser induction / SLMS tag - ready.svg
8. Choose to cut the tiny hole and set it (change colour to red)
9. Proceed to “Prepare” by pressing “Create Job”
10. Place scrap 3mm ply
11. Focus the lens
12. Set the 4 alignments – head, material, cross hairs, job file
13. Choose the material called “Laser Induction Tag” (tell them to do this, but try not to show them how)
14. Push to Laser
15. Run
16. [Simulate] Cleanup

# 3. Examiner activities

1. Delete job and file from “Manage” screen, read for next inductee
2. Mark the user as “Passed” on the register