

CNC Nameplate test - KKV

We teach courses in CNC and at the end of the process we ask the students to produce a name plate that demonstrates all the basic skills needed so that we feel comfortable issuing the drivers licence. If you want to use the CNC we ask you to produce the same name plate which will demonstrate the various competencies. You might have used other CNC's before, that is no problem we can walk you through some of the processes for the shopbot and give links to videos but we do need to feel comfortable that you can use the machine.

The nameplate should include

- Your name
- A hole, 7mm diameter, (used for hanging)
- 150mm x 100mm in size
- Must have at least 2 different toolpaths
- Toolpaths must include *Profile* and *Pocket*
- Must use at least 2 different bits
- Use MDF as stock material

The skills demonstrated include

- securely setting up the stock material
- running the spindle warm up routines
- setting up the registration X,Y and Z axis
- changing bits
- running jobs

The computer that runs the CNC also has the vetric software that generates the GCode. We can not give out this software because of licensing issues but you could make your graphic files before hand to save time.

