**Supervising Laser Cutter/Etcher**

The use of all tools in the Fabrication Lab, by staff and members of the public, is subject to authority of the management of The Edge. This authority is delegated to staff and contractors that have been recognised as possessing the appropriate skills and experience to provide competent supervision and to maintain all relevant SLQ & Edge policies and operating procedures in the space.

A key policy that allows us to make equipment like the laser available to the public is that the Machinery is only to be used by participants that have successfully completed an Edge Laser Induction and under the direct supervision of an authorised supervisor. This allows us procedure ensures that everybody that uses the laser has received training in safe use and proceedures associated with this equipment.

The level of assistance participants using the Laser cutter required will vary. New and inexperienced participants will require greater levels of assistance than those who have spent more time using the machine. The Edge’s risk management procedures requires that a minimum level of direct supervision is provided to all participants, even for the more experienced and confident users. The below list of criteria represents the minimum standard of this direct supervision.

Direct Supervision is defined that before allowing anyone to start a laser cutting job the Supervisor must satisfy for themselves that:

* The participant is an inducted user of the Laser
* Laser Focal Length is calibrated correctly
* Participant has entered in correct Power/ Speed/ Passes/ Air Assist settings and that the auto focus feature in the Rayjet print preference is disabled
* The participant aligned the Laser head start point to the correct X Y coordinate in relation to the material that will be cut.

In the long term some participants, casual staff and residents or participants who have a minimum no of hours on the machine maybe offered additional training to gain a higher level of access.