

Activity	Risk	Type	Severity	Mitigation
	Cutting body parts	P	2	Beware of sharp edges and tools. Wear safety gloves
Leaving the lab	Theft	E	3	Ensure that all doors are locked and that all valuable equipment is stored away

Testing Overview

Testing will consist of running a servo motor that is attached to the trainer through a torque transducer. The motor will then be driven at various speeds and the torque reading will be collected. The motor will be mounted to an existing frame, and the trainer frame will attach to the existing setup with a custom built shaft.

Equipment that will be used in the lab during assembly are:

- Laptop
- Motor
- Multimeter
- Torque Transducer
- Test Rig
- Thermometer

Safety measures during testing:

The following safety measures will be adhered to during testing.

1. An emergency stop button will be implemented.
2. All rotating parts will be covered during operation of the test rig.