A qualified user should be able to:

- Identify personal safety hazards associated with the tool and what precautions are taken to prevent an accident from occurring.
- Identify hazards to the tool and what precautions are taken to prevent an accident from occurring.
- Operate the tool safely and proficiently.
- Recover from simple errors.
- Demonstrate knowledge of the processes performed with the tool.

**CANON FPA-2000 i1 STEPPER**

- **Personal Safety Hazards**
  - Laser Safety - Four lasers are used in the FPA-2000 i1, one He-Cd laser and the others He-Ne lasers, emit only visible violet and red light respectively. No invisible or otherwise harmful radiation is emitted.

- **Hazards to the Tool**
  - Opening panels for racks, chambers, etc. during operation.
  - Opening chamber front door except when replacing carriers or reticles, or assisting a wafer.
  - Failure to reset the machine after an error occurs.
  - Attempting to manually remove a wafer from the stage.

- **Operating Tool**
  - A qualified user should be able to:
    - Load job parameters
    - Load a reticle
    - Load wafers
    - Execute a job
    - Terminate a job
    - Reset the machine
    - Reboot the computer
  - Reservations - If not present at stated start time, tool is reserved for 15 minutes and is then considered open for general use.

- **Simple Errors**
  - Reset the wafer handling control panel.

- **Processes**
  - Certified users should be familiar with the job parameters and general theory of operation.