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.

### SMFL Parylene Deposition

#### Personal Safety Hazards
- **High Voltage** - This unit has hazardous voltages inside. Do not operate with the covers off.
- Safety glasses should be worn at all times in the lab.
- Please wear gloves when operating.

#### Hazards to the Tool
- Chiller hose is fragile when cold and can be easily damaged
- Keep system and nozzles clean.

#### Operating Tool
- A qualified user should be able to:
  - Load the appropriate amount of parylene into the system
  - Load substrates into the system
  - Pump the system down
  - Perform a deposition

- Reservations - If not present at stated start time, tool is reserved for 15 minutes and is then considered open for general use.

#### Simple Errors
- n/a

#### Processes
- Certified users should be familiar with the parylene deposition process.

#### Appropriate Uses of the Tool
- Excessively long depositions could result in the nozzles clogging making it necessary to split a run into several shorter runs.