

Oxford PECVD

	<u>Work Phone</u>	
Manager: Tom Pennell	254-4309	Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times leave a message or send them an email.
Backup: Phil Infante	254-4926	
Backup:		

Safety

- The PECVD can be run at temperatures up to 400°C and uses pyrophoric, toxic, and oxidizing gases.
- Buddy (does not need to be PECVD trained) required for after hour usage
- User is required to be in the lab during tool operation

Process Restrictions

Material Restrictions

- No general material restrictions
- Resists or other polymers need to be cured at least 25°C higher than process temperatures

Parameter Restrictions

Scheduling / Sign-up Restrictions

Minimum Tool Time: 15 minutes

- No reservation of blocks greater than 3 hrs during 8AM to 6PM weekday daytime hours, no time restrictions outside daytime hours.

Requirements (Do Every Time)

- A full manual clean and a plasma clean for your total deposition time + 10 minutes is required by every user.
- Spare shower head plate and chamber should be clean before you log out
- Place system in PROPER standby state (see instructions)

Prohibitions (Never Do)

Common Problems

Problem:	Root Cause:	Solution:

Other Comments or Cautions