Tool ID: 704
Tool Location: 102

Equipment Information Sheet

KOH Hood and Bath

Manager: Christopher Alpha 607-254-4913
Backup: Aaron Windsor 607-254-4831

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.

SAFETY

- All standard lab policies apply
- FULL PPE - green gloves, apron, face shield
- Keep tank closed except when loading and unloading

USAGE RESTRICTIONS

- Normal buddy system rules in effect

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 30 minutes

- 4 hours from 8am to 6pm, M-F
- 12 hours between 6pm and 8am, M-F and weekends

MATERIALS COMPATIBILITY CATEGORY

Tool Category 1E: Silicon Based Materials and Select Dieletrics

Allowed	Not Allowed
Silicon Based Materials only	No Evaporated or Sputtered Films
Si, SiC, SiO_2 substrates	No Metal or Organic Films
All Furnace grown or deposited films	No Glass Substrates
PECVD Films	No III/V Compound Semiconductors
Select ALD dieletrics (SiO_2, SiN, HfO_2, HFN)	No High Vapor pressure materials
Spin on Glass and Spin on Dopants	Organic/Biology Molecules prepared-with or without Salt buffers

High Vapor Pressure Metals and Compounds are materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

- Si substrates only
- SiN masks only

Last Updated: 11/29/2018