

Tool ID: 704  
Tool Location: 102

Equipment Information Sheet

# KOH Hood and Bath

**Manager: Christopher Alpha 607-254-4913**    Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times  
**Backup: Aaron Windsor 607-254-4831**    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 Dielectrics	
Allowed	Not Allowed
Silicon Based Materials only	No Evaporated or Sputtered Films
Si, SiC, SiO <sub>2</sub> substrates	No Metal or Organic Films
All Furnace grown or deposited films	No Glass Substrates
PECVD Films	No III/V Compound Semiconductors
Select ALD dielectrics (SiO <sub>2</sub> , SiN, HfO <sub>2</sub> , 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*