

Tool ID: 312
Tool Location: 115

Equipment Information Sheet

SC4500 Odd-Hour Evaporator

Manager:
Backup:

Aaron Windsor
Christopher Alpha

607-254-4831
607-254-4913

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

- No unusual hazards during normal operation

USAGE RESTRICTIONS

- No buddy system restrictions

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 60 minutes

- You may only reserve full 2 hour blocks starting on the ODD hour
- You must leave a minimum of 4 hours between your slots during off hours and weekends
- You must indicate what yo

MATERIALS COMPATIBILITY CATEGORY

Tool Category 4: Glass and Metal Categories	
Allowed	Not Allowed
Tool category 1/1E, 2, and 3 materials	
Silicon Based Substrates and Films	No CNF Class A metals
III/V compound Semiconductors	No Exposed CNF Group B metals- <i>metals can be buried/covered with staff approval</i>
Glass Substrates	Cannot be used as an etch stop
PECVD and ALD Films	
Buried Class B Metals with approval	
Organic/Bio Materials prepped w/o Salt Buffers	
Cured organics and baked Photoresist	No High Vapor pressure materials

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

Additional Material Restrictions and Exceptions

- No Oxides Evaporation of any kind (only done in even-hour)
- No High vapor pressure materials (Pb, Sn, Zn, Cd, etc) (evaporants or substrates)

Last Updated: 10/27/2021