Hummer Au/Pd Sputtering System

Manager: Jerry Drumheller
Backup: Aaron Windsor
Backup: 254-4859 254-4831

Safety
- DO NOT attempt operation with the vacuum chamber lid open!

Process Restrictions
Material Restrictions
- Only for use on materials going into the SEM or e-beam lithography systems.

Parameter Restrictions
- No depositions longer than 3 minutes

Scheduling / Sign-up Restrictions
- None

Requirements (Do Every Time)
- Leave Argon leak valve set as it was during the sputtering

Prohibitions (Never Do)
- NEVER turn a needle valve IN or OUT tightly! They are very delicate and they can jam or break. Argon flow actually goes to zero before the valve is all the way in.

Common Problems

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<th>Root Cause</th>
<th>Solution</th>
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<td>Chamber was not vented quickly enough</td>
<td>Evacuate for 3 seconds and then vent quickly</td>
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Other Comments or Cautions

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.

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Problem: Solution: Root Cause: Evacuate for 3 seconds and then vent quickly

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