LabMembers Meeting 8 September 2011
3 labmembers, 8 staff

Previous Meeting Thurs Jul 14, 2011

CHP/Safety
- Bill demonstrated the resource for CHP revision history. Encouraged labmember review of revisions.
- Proposed that we get additional value from the log in message. May use a login splash-page to note CHP Updates, share process techniques, or answer FAQs such as “where do I find…”
- Discussed phone call to staff required if lab evacuation occurs after hours. Emergency phone list sheets available to take when evacuating.
- Reminded labmembers no entry into any equipment enclosures except when noted in the manual or trained by staff for specific purpose.
- Chemical Gloves: discussion for better management to minimize abandoned gloves in the lab. An updated policy to be reviewed for the CHP.
- Safety Incidents selection added to Member section of Mercury Web.

Empty bottle transport
- Dumbwaiter to be modified for solvent bottles and bottle carrier
- Adding a bottle-wash discussed for 3rd floor, Chase 381. Staff to evaluate.

Acid storage cabinet: additional capacity needed on 3rd floor. Staff will evaluate space and announce new cabionet or rolling storage. Specific request for additional nitric and 49% HF on level3

Labmember recognition: 3 members recognized since last meeting. Lunch award given to nominated labmember who was present. Demonstrated how to nominate someone for a recognition using mercury web.

Labmember suggestions: can now be entered on line. Demonstrated this feature of mercury web.

Microscopes
- Noted recent upgrades to 5th floor microscope. Labmembers to report if 5th floor microscope needs have now been met.
- Microscope lamp checks will be added to “dailywalk”

Labeler: discussed adding labeler for general use inside the lab. Process and admin staff to review and select new labeler.

Transport-wafer use/Coolgrease: brief discussion on mounting dies to transport wafers. Member input is sought on this subject to decrease handling issues at sts2 and sts-oxide.

Tystarbank2 carousel: order to be submitted for 8” capable cooling rack

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Berkeley NanoLab

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Equipment updates:

centura – install progressing well; earliest 1st plasma week of Oct 10 followed by process troubleshooting. Members should note that centura-dps will Not be returned to service as a silicon etcher. centura –dps will be released for compound semiconductor etch development

amat-epi – install progressing well, no date for first deposition yet

sp3 – cvd diamond deposition tool delivered Wed Sep 7. Facilitization and start up to be started week of Sep12.

matrix-etch – install complete; process test underway. This tool has similar gas options as ptherm. Plan is to relieve back log at ptherm

axcelis – replacement for uv-bake. axcelis is 4/6/8” capable and will address lamp reliability issues of uv bake.

sts1 – new name of sts from Microlab. Install is complete and tool has passed initial qualification. Tool is available for general use. Report results to Sia Parsa