

# ***R·I·T SEMICONDUCTOR AND MICROSYSTEMS FABRICATION LABORATORY***

## **CEE DEVELOPER CERTIFICATION CHECKLIST**

*How can a user hurt them self? How can a user hurt the tool?*

A qualified user should be able to:

- Identify personal safety hazards associated with the tool and what precautions are taken to prevent an accident from occurring.
- Identify hazards to the tool and what precautions are taken to prevent an accident from occurring.
- Operate the tool safely and proficiently.
- Recover from simple errors.
- Demonstrate knowledge of the processes performed with the tool.

### **CEE RESIST DEVELOPER**

- **Personal Safety Hazards**
  - The CEE Resist Developer uses CD-26 Developer in the coat process. Operators should read material safety data sheet (MSDS) and be familiar with the hazards before use.
  - During spinning operations, wafers rotate at high speeds. Make sure the spinner is covered before starting.
  - Always wear safety glasses.
- **Hazards to the Tool**
  - Recipes 0 and 1 should not be changed. Users may edit recipes 2-9.
- **Operating Tool**
  - A qualified user should be able to:
    - Load and coat a wafer
    - Select and edit a recipe
  - Reservations – If not present at stated start time, tool is reserved for 15 minutes and is then considered open for general use.
- **Simple Errors**
  - Vacuum Error- If the vacuum is not sufficient; make sure that the chuck and wafer are clean.
- **Processes**
  - Users should be familiar with material identities, spin time and speeds.
- **Appropriate Uses of the Tool**
  - This spinner is intended for use with CD-26 Developer only. Other developers are *not* allowed.