Safety
- Gloves and safety glasses required when working on tool
- No buddy system restrictions imposed on normal operation

Process Restrictions
Material Restrictions
- Use only cassettes designated on the door of the tool
- Substrates must fit inside the designated cassette, no pieces
- Do not load fragile substrates (membranes, Released MEMS devices)

Parameter Restrictions
- Follow all loading instructions designated on the door of the tool

Scheduling / Sign-up Restrictions
- Tool is not scheduled at this time

Requirements (Do Every Time)
- Always load cassettes H-Bar end of the cassette first (toward back of tool)
- Follow all posted instructions on the tool

Prohibitions (Never Do)
- Do not use incorrect cassettes
- Do not load pieces or delicate samples
- Do not change the rotor

Common Problems

<table>
<thead>
<tr>
<th>Problem:</th>
<th>Root Cause:</th>
<th>Solution:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Door on tool will not open or close</td>
<td>- Faulty solenoid</td>
<td>- Wait 10 seconds and try again. If this fails contact staff</td>
</tr>
<tr>
<td>- Tool reaches an alarm condition during operation</td>
<td>- Many possible causes</td>
<td>- Power down the bowl that experienced the error, power it back up and press “Start/stop”, when the rotor has finished indexing try the process again. If this fails, contact staff</td>
</tr>
<tr>
<td>- Water leak</td>
<td>- Something bad and unexpected</td>
<td></td>
</tr>
</tbody>
</table>

Other Comments or Cautions