

## SPECIMEN LOADING PROCEDURE

### SEM STAGE

1. Prepare bulk sample:
  - a. Always wear gloves
  - b. Do not touch sample stubs or stage base with hands
  - c. Ensure highest point of sample barely fits in height gauge.
2. Ensure \_\_\_\_\_ is closed.
3. Ensure stage is at the \_\_\_\_\_ position.

1. Press \_\_\_\_\_ to vent the sample exchange chamber to atmosphere.
2. When the \_\_\_\_\_ light is lit red and the chamber falls open, thread sample holder onto rod.
3. Ensure rod is fully retracted (listen for dull click).
4. Ensure front panel vacuum control is set to \_\_\_\_\_
5. Hold the sample exchange chamber closed and press \_\_\_\_\_ button.
6. Wait until the \_\_\_\_\_ light is lit green.
7. Open \_\_\_\_\_ gate valve.
8. E 0.074 0 0(x(entend)7(. )Toe.)d 004 Tw 23.92 -0.34 0 Td(1)TjTT1 1 Tf0.59 0 Td( )Tj0.002 Tc 0
4. Retract rod and specimen into sample exchange chamber. Ensure rod is fully retracted (listen for a dull click).
5. Close \_\_\_\_\_ gate valve.
6. Set front panel vacuum control to \_\_\_\_\_
7. Press \_\_\_\_\_ to vent the sample exchange chamber to atmosphere.

