Saturating (De-airing) Drainage Lines

Master Controller

- **PRESSURE**: On/Off
- **AIR SUPPLY**: Off
- **VACUUM SUPPLY**: Off
- **DEAERATED WATER TANK**: Off/Vacuum
- **FILL**: Off
- **DRAIN**: Off
- **TAP WATER**: Off
- **DEAERATED WATER OUTPUT**: Off/PRESSURE
- **VACUUM OUTPUT**: Off

HM-4150 Distribution Panel

- **VACUUM**: Off/VENT
- **PRESSURE**: Off
- **CELL PRESSURE**: FILL
- **BASE PRESSURE**: FILL
- **TOP PRESSURE**: FILL
- **BIAS ON**: Off
- **BRIDGE ON**: Off
- **EXTERNAL**: OFF
- **CELL**: FILL
- **BASE**: FILL
- **TOP**: FILL

**Geotechnical Test Equipment**

**Humboldt**
STEP 1
Turn Base Burette Assembly Fill/Drain Valve to Fill.
STEP 2
Open Base Valve located on the right-hand side of the Triaxial Cell.
STEP 3
Open Base Valve located on the left-hand side of the Triaxial Cell.
STEP 4
Open the Vent on the top of the De-airing Valve. Once water begins to flow out, close the Vent.
STEP 5
Open the Top Valve, located on the left-hand side of the Triaxial Cell.
**STEP 6**

A. Open the Top Valve, located on the right-hand side of the Triaxial Cell.

B. To catch the water flowing out of the Valve, provide a container or direct the tubing to a drain.
STEP 7
When air bubbles are no longer evident in the drainage line coming from the Cell.

Turn Base Burette Assembly Fill/Drain Valve to Off.
STEP 8
Then, close the Top Valve, located on the right-hand side of the Triaxial Cell.
STEP 9
Now, open the Burette Valve.