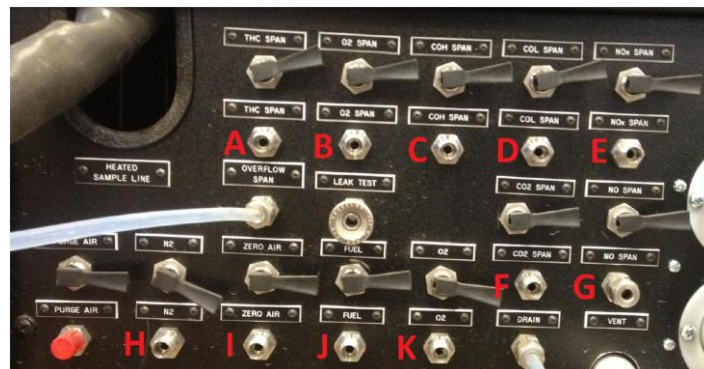


CAI Tower Turn on procedures:

1. Plug in power cables to **two separate** circuit breakers. This is important or it will trip the breaker.



2. Plug in the calibration gasses to the back of the tower (as shown on the system diagram).
 - a. Move the gasses to the tower
 - b. Lock the casters
 - c. Remove caps
 - d. Attach regulators to the bottles
 - e. Plug in lines to the back of the tower see system diagram



- f. Turn on valves
3. Plug in the zero air on the lower back section of the tower. (The zero air should run 24/7)



4. Turn on the analyzers using main power button on the top of CAI tower in the front.



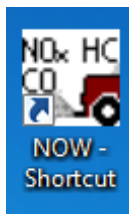
5. Turn on the PC, located in the top back of the tower.



6. Ignite the THC analyzer and wait **one hour** for it to heat up.
 - a. Top analyzer (Main-F8-Ignition)



7. Start the NOW program.



8. Turn the PC off before turning off the tower.

Warnings

- Do not coil the heated line.
- Wear ear protection at all times while the tower is on.
- Only move the bottles with the caps on.
- Turn the valves on only after the lines are connected to the tower.
- Make sure all vents/fans are on prior to running experiments.