**2750 Gas Controller Hook up Instruction**

Connect Regulator to P-10 Bottle (reversed threads)

Connect the male quick disconnect (MQD) from the regulator to “SUPPLY 20 PSI MAX” female quick disconnect (FQD)

Connect one end of the (MQD) on the 20’ tygon to “TO DET” (FQD) and the other (MQD) on the 20’ tygon to one of the (FQD) on the probe.

Connect one end of the (MQD) on the other 20’ tygon to “FRM DET” (FQD) and the other (MQD) on the 20’ tygon to the other (FQD) on the probe.

There should be a (MQD) in the “EXHAUST” port of the 2750 to exhaust the gas

**GAS PRESSURES AND SETTINGS**

Verify the black adjustment knob on the 2750 is fully turned to the right (gently).

Open the P-10 bottle all the way. This is a double seated valve and if not opened fully, some gas could leak.

Regulator - The right side (usually) gauge marked 0 – 4000 PSI tells how much gas is in the bottle.

Regulator - The left side (usually) gauge inner circle up to 30 PSI gauge should be adjusted to 5 – 8 psi by using the black knob on the front of the regulator.

Adjust counterclockwise the small black knob on the 2750 (left side, “IN” rotometer) until the ball reads between 50 and 80 cc/min air. (if the ball doesn’t raise up immediately, tap the side of the 2750).

Re-verify that the pressure on the regulator is still between 5 – 8 PSI. Adjust if necessary. Every adjustment must be checked between both the 2750 and the regulator.

Within a few minutes the right hand side rotometer should read close to the “IN” side. (If the reading after 10 – 15 minutes of purge is much lower than the IN reading – check the probe for a hole in the mylar)

Purge a minimum of 1 hour for the floor monitor probe.

Purge a minimum of 20 minutes for a 43-68 probe.