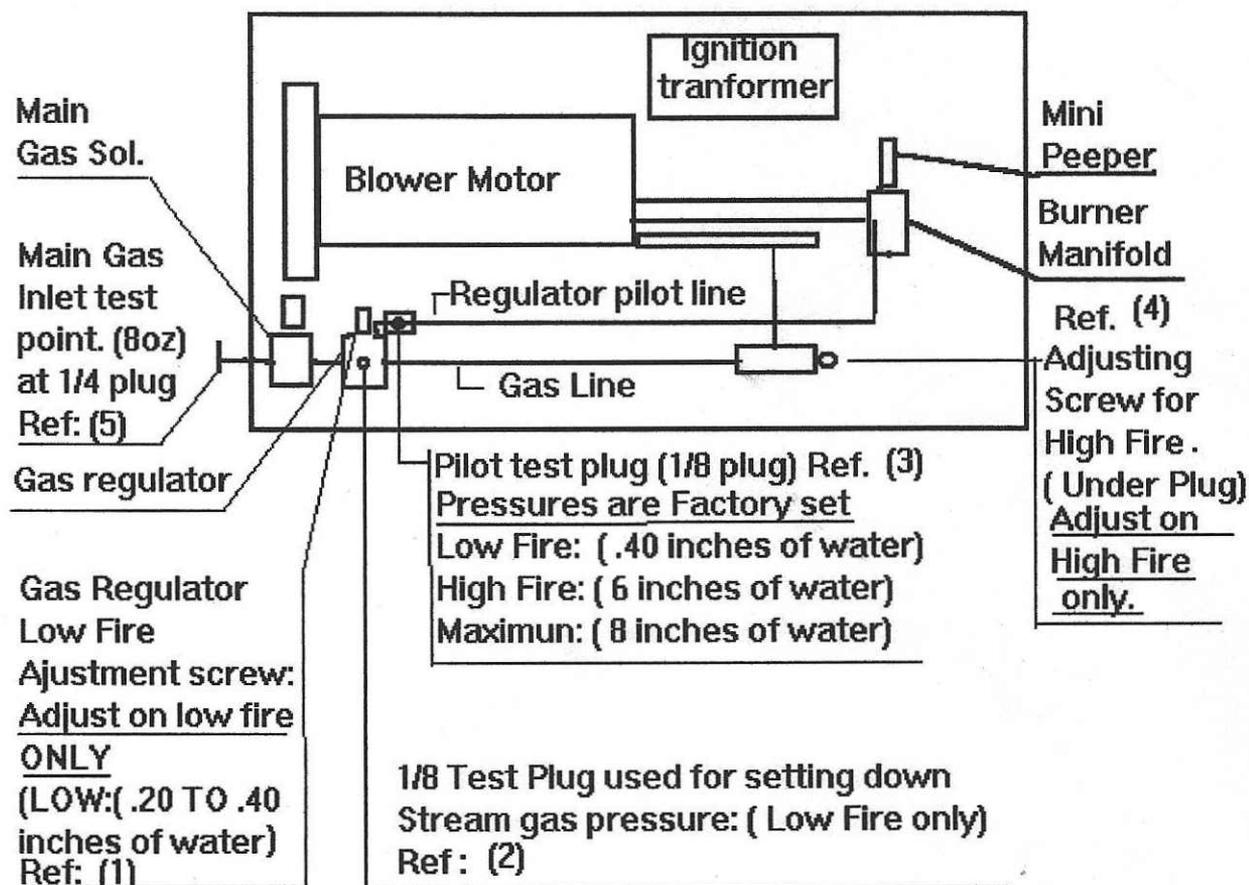


**Cal-Miser Aluminum Systems
Gas Adjustment Procedure on S Series Holders**



Adjusting Air and Gas Ratios on the Series S style Holders.

- First turn on gas to furnace. Remove the 1/4 plug at Ref:(5) and purge all air out of gas line before proceeding.
- Then test pressure at Ref:(5) to see if you have (8ozs) of gas.
- Hook up Magnehelic gauge on Ref: (2). (Gage must read in tens of an inch of water)
- Start furnace with selector switch on **Low Fire Only**.
- Gas pressure at Ref: (2) needs to be at (.20 to .40 inches of water) . If not remove cap of Regulator at Ref:(1) and adjust as needed. When making this adjustment open the lid of the furnace a couple inches so you may observe the flame as you adjust it. This adjustment is critical and your furnace maybe hard starting or will go out on low fire if not set correctly. Try a few restarts after making this adjustment. A lean mixture will make your furnace hard to start and it may Red light. If this happens reset the UV on the Honeywell and observe your gauge on start up. If its to lean simply richen the mixture by the above described procedure. Make sure you replace the cap on the regulator it does make a difference on your settings. Note:(**Only Preform this Adjustment on Low Fire**)
- High Fire will be adjusted by sight with the furnace lid open a few inches.
- Turn selector switch to automatic and make sure West instrument is calling for High fire. Remove plug from Ref: 4 and you must have a short stub nose regular blade screw driver. Screw adjuster in until you see the flame get lighter and you will hear the burner start to roar. Then screw the adjuster out approximately 2 turns and make a visual check. Don't forget to replace the plug after adjusting.