Reynolds Equipment Co. (323 INFO) 10-3-2001

PROCEDURE FOR CHANGING MAIN PCB

(If old pcb has ***NOT*** lost original data)

1. Connect com cable to unit.
2. Using the "Windows" LVCHost software version 4.11, save the config file from the original pcb. Select: "Configure"/ "Auto Configure"/ "Backup Instrument".
3. Click the "Save" button to save the file to the laptop.
4. Download all historical data from the unit. Select: "Data"/ "Download All"/ Type <Enter> throughout download process.
5. Change main pcb. (Make sure the connectors are plugged in properly)
6. "Restore" the config file from the original pcb. Select: "Configure"/ "Auto Configure"/ "Restore Instrument". **Note:** if pcb serial number is required: Enter S/N from serial tag.
7. Select the file to restore.
8. Click the "Open" button.
9. A "Restore Instrument" window will appear. Select "All of the above".
10. Click the "OK" button.
11. At the "Confirming" window click the "OK" button.
12. The unit is now calibrated and configured the same as the old pcb.
13. Reset the profiler. "Configure"/ "Reset Profiler". At the "Warning" window, select the "Yes" button.
14. Enter the proper "Uncorrected" and "Corrected" volume reading. Go to "Config 1", enter the "Uncorrected' and "Corrected" volume and choose "OK". (To get the volumes from the old pcb, go to "Data"/ "Print IOR database"/ "Double-click" filename)
15. If old "Corrected" reading is unknown, take the mechanical "Uncorrected" index reading and multiply by the "Correction Factor" (Located on Display 1 at the bottom right of the screen).
16. Verify that the pressure and gas temp readings are proper. (The IOR file can be read to get the last reads to compare)
17. If pressure and/or gas temp is off, re-calibration may be needed. If press or temp is way off, contact the factory for assistance. Do not attempt to calibrate a problem sensor.