Reynolds Equipment Co. (323 INFO) 7-9-2004

PROCEDURE FOR RESTARTING MAIN PCB

(If pcb cannot communicate or scroll)

Do these steps before restarting unit (This will save the Configuration file):

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.

Do these steps to restart unit (Configuration file needed to complete restore)(Call Reynolds to get the "As factory shipped" Configuration file for your specific unit)

1. Connect com cable to unit.
2. Remove power for 20 seconds. (Main pack and Lithium battery jumper)
3. "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.
4. Select the file to restore.
5. Click the "Open" button.
6. A "Restore Instrument" window will appear. Select "All of the above".
7. Click the "OK" button.
8. At the "Confirming" window click the "OK" button.
9. The unit is now calibrated and configured the same as before.
10. (Optional) Reset the profiler. "Configure"/ "Reset Profiler". At the "Warning" window, select the "Yes" button.
11. 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)
12. 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).
13. Verify that the pressure and gas temp readings are proper. (The IOR file can be read to get the last reads to compare)
14. 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.

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