

Agilent AA Spectrometers

Long Term Shut Down and Start Up Instructions

Shut down the system

End of day

Prior to shutting down the system at the end of the working day you should aspirate pure solvent for 10 minutes (flame analysis only).

Extended shutdown

To shut down the system for extended periods of time:

- 1 Shut down any accessories according to the instructions in their user guides.
- 2 Aspirate distilled water for at least 5 minutes (flame analysis only).
- 3 Turn off the instrument and disconnect the spectrometer from mains power.
- 4 Close all open applications and shut down the computer.
- 5 Shut off all gas supplies at the regulators/isolation valves and gas cylinders where applicable.
- 6 Turn off water\cooling supply (if applicable).
- 7 Empty the waste vessel.
- 8 Turn off the exhaust fan.
- 9 Cleanup any spills in the sample compartment as required.
- 10 Using a cloth dampened with water, clean all, instrument covers and external surfaces.

CAUTION

Do NOT use an abrasive cleaner.

Start up the system

The requirements for starting up your Agilent AA system will depend on the particular system you have and the length of time the system has remained unused.

To start up the system:

- 1 Review the Safety Practices and Hazards - including preventing flashbacks.
- 2 Confirm that all site preparation requirements have been met.

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- 3 Confirm that all getting started or installation checklist requirements have been completed including connection of power, gases, exhaust system, waste vessel and water\cooling supply (if applicable).

CAUTION

Check all gas connectors and fittings to ensure no deterioration has occurred during shutdown.

- 4 Perform cleaning, maintenance and/or troubleshooting procedures as outlined in your user guide.
- 5 Turn on exhaust.
- 6 Turn on water/cooling system (if applicable).
- 7 Turn on gas supplies.
- 8 Turn on power switch/switches.
Allow 15 minutes instrument warm-up before you collect data.
- 9 Confirm that all Pre-analysis checklist requirements have been met.
- 10 Perform system optimization as detailed in your user guide.

For full details about how to perform the above tasks refer to the User's Guide which was included with your system purchase.

Agilent 240/280 Series AA (including Zeeman) - User's Guide = 8510154700

Agilent 55B AA Spectrometer - User's Guide = 8510154100

Both manuals are available online at www.Agilent.com. Search for 'AA user guide'.

If you do not have access to a copy of the User's Guide, please contact your local sales or service representative.

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