
Isolator Certification

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Air Safe can certify and service all types of isolators and gloveboxes. This includes Compounding Aseptic Containment Isolators (CACI), Compounding Aseptic Isolators (CAI) used in pharmacy settings as well as Class III atmospheric gloveboxes utilized in high containment facilities. Not only can we certify the airflow and integrity of the HEPA filters installed, we can also perform leak test on the chambers.

Other important tests which can be performed are:

- Recovery
- Testing
- Particle
- Count Testing
- Viable
- Microbial Sampling
- Visual
- Airflow Testing
- Alarm
- Calibration
- Ingress
- and Egress Test
- Particle
- Containment Integrity and Enclosure Leak Test
- Gauntlet
- Breach Air Velocity Test
- Volatile
- Hazardous Drug Containment Test -Total Exhaust
- Volatile
- Hazardous Drug Containment Test-Partial-Recirculating
- Hazardous
- Particle Containment Test

Air Safe, LLC. recommends the use of unidirectional airflow isolators versus non-unidirectional (turbulent) airflow isolators for clients wishing to comply with the USP 797 document on pharmaceutical compounding.

It has been our experience when performing recovery testing on non-unidirectional airflow isolators, the recovery time can exceed 30 minutes. The recovery test provides the user of the isolator information about how long it takes the isolator to "recover" to an acceptable ISO Class 5 environment after an introduction of simulated contamination. Field testing of unidirectional airflow isolators has shown recovery periods of less than one minute.

Just because your isolator or glovebox is brand new does not mean it is working properly!

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