



## Cleanroom Testing and Certification

Cleanrooms, by definition, are designed to control airborne particulate and environmental conditions. Critical pharmaceutical, microbiological, and nano-technological areas require adherence to exacting performance requirements. TSS' certification programs verify that your facilities perform to appropriate international standards and client specifications. Included with all testing is complete documentation of the test results and certification of the rooms and devices tested.

All cleanroom testing is performed in accordance and compliant with Current Good Manufacturing Practices [cGMP], the Institute of Environmental Sciences Technologies [IEST], and the International Organization for Standardization [ISO].

### Our primary cleanroom test battery includes

- Airflow volume/velocity readings -assures that both unidirectional and non-unidirectional flow areas are properly balanced and unidirectional zones are maintaining proper air patterns
- Room air exchange rates – states if the area is meeting its design airflow• HEPA filter integrity testing – tests HEPA filters and system for leaks
- Non-viable particle counting – reports the amount of airborne particulate of a specified size in the clean zone
- Temperature / relative humidity testing
- Pressure cascade monitoring (differential pressure)

### Optional tests include

- Airflow visualization testing
- Viable environmental monitoring [EM]
- Compressed gas testing [compressed dry air (CDA) testing]
- Lighting, vibration, and sound tests

**Contact us at 800.877.7742 to discuss your specific needs and to schedule services.**

**For additional information, please visit us online at [www.techsafety.com](http://www.techsafety.com).**