

HVAC CLEANROOM TEST AND VALIDATION SERVICES



At LTECH, we specialize in HVAC cleanroom testing and validation, ensuring that your cleanroom facilities meet the highest standards of compliance and performance. With a team of highly qualified specialists, individually we bring more than 20 years of global experience to deliver expert services tailored to your specific needs.

Comprehensive Cleanroom Testing

Our services cover the entire testing spectrum, including Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT), to ensure a seamless transition from installation to operation and requalification. We understand that HVAC is a critical component for ensuring GMP (Good Manufacturing Practice) compliance.

Test in normal production mode

LTECH offers Operational Verification in grade C & D production rooms, without downgrading of the classification. We have years of experience in testing during normal production.

That's why we offer:

- Measurement and analysis of airflow velocity and air changes.
- Measurement and analysis of room pressure differentials.
- HEPA/ULPA filter leak tests with both photometer/particle scanner.
- Non-viable airborne particulate counts for room classification.
- Room recovery tests to ensure rapid stabilization after contamination.
- Technical supervision for HVAC-systems.
- Preparation of protocols and reports.

- Airflow pattern tests (Smoke studies) with video documentation for precise visualization.
- Support and training of production supporters and operators in aseptic handling.
- Testing of specialized equipment such as c-RABS (gloveboxes), isolators, UDFs, FFUs, biosafety cabinets, and more.
- Advising on current local and international regulations to help you stay ahead of the latest industry requirements.
- Temperature and humidity mapping of rooms, refrigerators, incubators, etc.

Accredited Expertise and cGMP-Compliant Documentation

LTECH is accredited by leading international organization R3 Nordic. This ensures that every test we perform is in strict compliance with industry standards. From the initial test planning to the final cGMP-compliant documentation, we provide comprehensive protocols, test forms, and detailed conclusions to support your regulatory inspections.

Your Cleanroom Partner

Whether you're preparing for a major inspection or seeking ongoing validation support, LTECH is your trusted partner. With our extensive expertise, advanced testing capabilities, and commitment to quality, we ensure that your HVAC in cleanrooms performs to the highest standards, every time.

Let us help you achieve a successful inspection and maintain compliance with confidence.



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