

Service Team

Precision Environments[®]

Cleanrooms

Gigafactories

Metrology Labs

Controlled Environments

SERVICE TEAM

Experts in Servicing Controlled Environments Since 1989

INTRODUCTION

Precision Environments offers Preventative Maintenance Agreements both domestically and internationally. Our preventative maintenance specialists have expertise in fine tuning your controlled environments to enhance your business results. We welcome the opportunity to become your controlled environment preventative maintenance partner.

ISO/IEC 17025 Accredited TESTING SERVICES

- Temperature Test (Stability & Gradients)
- Temperature Recovery Test
- Humidity
- Room Pressure
- Air Velocity
- Lighting Intensity
- Lab Static Pressure
- Sound Test
- ISO 17025 Compliant Report & Certificate

SERVICE OFFERINGS

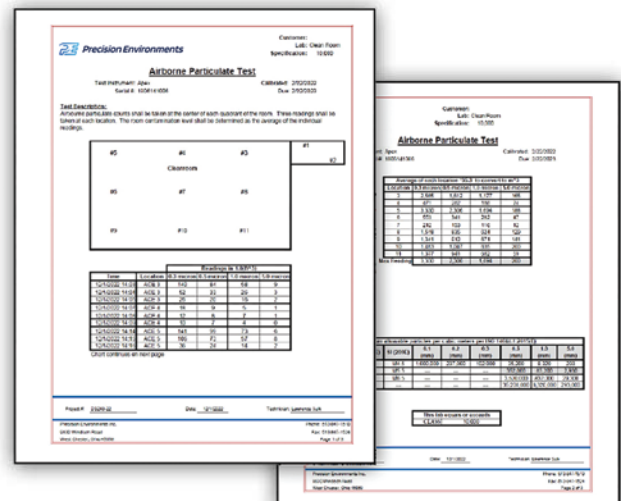
- Testing and Recertification
- A2LA-Accredited, NIST Traceable Temperature & Humidity Calibration with Temperature Bias Determination and Implementation
- 40-Point Quarterly HVAC Maintenance & Inspection
- Software Systems Evaluation with Proposed Upgrades
- Mechanical Systems Evaluation with Proposed Upgrades & Integration Plan
- Automated Data Collection and Reporting System
- Extended Warranty
- Custom Onsite Protocols and Controls Training
- Consulting

Cleanrooms

Our vast technical knowledge and experience in cleanroom recertification and testing, along with our commitment to the highest standards of quality and customer service, ensures that we deliver the most reliable, accurate and thorough cleanroom testing results.

Cleanroom Recertification Tests include the following elements:

- Airborne Particle Counts
- HEPA Air Flow Velocity
- Room Pressurization
- Air Exchange Rates
- Airflow Volume/Velocity Readings
- Laminarity
- Temperature/Relative Humidity
- Lighting Level



Metrology Labs

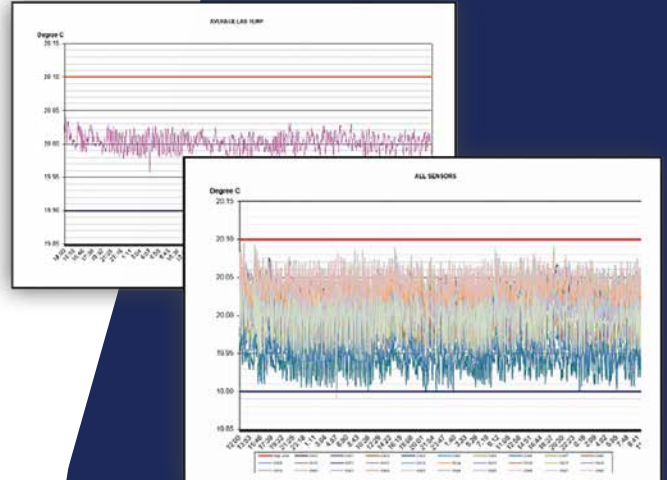
Precision Environments offers lab recertification services for your metrology lab. Our process consists of testing the lab environment using the original testing protocol including:

- Test Sensor Locations
- Owner Acceptance Criteria
- Duration of the Test
- Relevant Testing Information

Since the original protocol is the basis for accepting the lab environment after initial construction, the original tests become the base line for future tests. Recertification tests are compared to baseline tests to determine lab environment compliance. We recommend annual recertification tests.

Precision Environments' Metrology Certification includes these ISO/IEC 17025:2017 Accredited Environmental Surveys:

- Temperature
- Humidity
- Illuminance
- Pressure
- Air Flow
- Sound Level



PREVENTATIVE MAINTENANCE

Precision Environments provides Preventive Maintenance Services on the following types of equipment:

- Water Cooled Condensing Units
- Air Cooled Condensing Units
- Water Cooled Chillers
- Air Cooled Chillers
- Air Handling Units
- Humidifiers
- Ionizers
- Schneider Electric DDC Control Systems
- PLC Control Systems
- Reheat Coils
- RO/DI Water Conditioners
- Water Softeners





Contact us to learn more about how our team of professionals can help you and your company. To get instant access to our service request form, scan the QR code with the camera on your mobile device, then click on the URL.

CONTROLLED ENVIRONMENT SERVICES

PRECISION ENVIRONMENTS SERVICE TEAM

We have been servicing, testing, recertifying, and upgrading the environmental, mechanical, and control systems of highly complex controlled environments for nearly 35 years.

Our highly skilled, in-house service team will collaborate with you to ensure that your controlled environment is operating properly and efficiently and performing to all design protocols. Our team has the skills and experience to deliver world-class service, and our services are backed by a satisfaction guarantee. Contact us to learn more about how our team of professionals can help you and your company.



Precision Environments is a A2LA 17025 Accredited Controlled Environment Design/Build Company



We design, build and certify controlled environments according to ISO standards.

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