



# MAINTENANCE, TESTING & CERTIFICATION

*Keep It Clean.*



# Testing And Certification For Optimum Performance And Safety

Your investment in health and safety represented by laminar flow clean benches, bio-safety cabinets or work areas is one that needs regular monitoring to ensure an environment free from biological or other hazardous particulate contamination.

Regular maintenance will ensure protection for your workers and the sterility of products which may require manipulation in these special areas.

AES Environmental provides comprehensive testing and certification services for all clean air applications. This essential service is your assurance that the stated performance criteria of your laminar flow facility is maintained. We also certify that the work area has a cleanliness level which is equal to or better than Class 3.5 – that is, less than 3.5 particles per litre of 0.5 micrometres and greater in size.

Our laboratory is National Association of Testing Authorities (NATA) accredited to perform field-testing of all high-efficiency Absolute or High Efficiency Particulate Air (HEPA) air filter installations (HEPA filters demand an efficiency greater than 99.995 percent to a 0.3 micrometre test aerosol).

NATA is an independent organization which provides accreditation to laboratories in many fields of testing. To meet NATA requirements, a laboratory must have appropriately qualified testing and administrative personnel as well as equipment, capable of measuring performance with a high degree of accuracy and consistency.

All equipment is registered and regularly calibrated to the appropriate standard and the laboratory is periodically re-assessed to ensure maintenance of standards.

## Specialist Services

### Mechanical Inspection

Including the motor/blower unit, vibration mountings, switch functions, gaskets, pre-filters and HEPA filters.

### Check for System Integrity

Challenge for filter leakage to AS 1807.6, AS 1807.7.

### Violation by Room Air

Test for induced air leakage in the work area.

### Prevent Cross Contamination

Check and adjust air velocity and uniformity of airflows.

### HEPA Filter Life Expectancy & Performance

Measure static pressure of filters and electronic motor current.

### Environment Factors

Measure light output, sound level and germicidal ultra-violet lamp efficiency.

### Repair & Adjust to Specification

When necessary, and wherever possible, on-site repairs are included in our service.

### Performance meets Australian Standard Specifications

A certificate of compliance, which is issued under the terms of AES Environmentals' accreditation with NATA, is available following the completion of each service program. Additionally, a full report is issued which shows the results of each test and the accuracy of the results.

The certification process guarantees that the installation will comply with one of the following standards:

#### ISO14644 Clean Rooms

AS2252:6: Clean rooms and Work Stations

AS2252:2: Biological Safety Cabinets

AS2252:5: Cytotoxic Drug Safety Cabinets

AS2243:8 & 9: Fume Cupboards

AS1807: Testing Methods

## Need More Information?

*Call us now for a free survey and quote.*

National Sales Hotline 1300 550 116 | National Fax 1300 550 117

© 2018 AES Environmental | Bulletin No. 10A.08.17 AES81 REV8

*In keeping with our policy of continuing product improvement, we reserve the right to alter specifications without notice.*



9A Pembury Rd, Minto 2566  
Ph 1300 550 116 F 1300 550 117  
sales@aesenvironmental.com.au  
www.aesenvironmental.com.au



# Service Request Form

Customer Name

Date  Site Address

Type of Cabinet/s

Model/Serial Number/s

Quantity of Cabinet/s

Fumigation Required? Yes  No

Send completed form back to  
sales@aesenvironmental.com.au or  
9A Pembury Rd, Minto  
for a free quote.