







All Scientific Technology Group (AST) provides **full-service repair, installation, and certification** for **Biosafety Cabinets (BSCs) and Chemical Fume Hoods** across research laboratories, pharmaceutical facilities, universities, and healthcare environments. Our technicians operate under **NSF-49 Annex F standards**, OEM specifications, and **AST's ISO 9001:2015-certified quality system**, ensuring that your containment equipment remains safe, compliant, and audit-ready.

CHALLENGE

Biosafety cabinets, fume hoods, and environmental chambers are **often overlooked until they fail inspection or malfunction**, putting researchers, samples, and regulatory compliance at risk.

Common issues include:

-  Lapsed Certifications Due to Vendor Delays
-  Repairs Performed by Non-Accredited Technicians
-  Airflow Instability, Filter Leaks, or Alarm Failures
-  Inconsistent Documentation Across Multiple Facilities

When laboratory containment equipment fails, **experiments halt, audits fail, and staff safety is jeopardized.**






SOLUTION OVERVIEW

AST delivers **end-to-end lifecycle support** for BSCs and Fume Hoods:

- o **NSF-Accredited Certification & Annual Recertification**
- o **Warranty & OEM Repair Services Across Major Cabinet Manufacturers**
- o **Installation & Commissioning Including HEPA Leak, Airflow, and Smoke Pattern Testing**
- o **Preventive Maintenance Aligned with OEM SOPs & ISO 9001:2015 Protocols**

| We ensure that **every unit passes compliance and stays compliant without downtime.**

KEY BENEFITS

-  NSF 49 Annex F Certified Technicians: Compliant with Federal & International Safety Standards
-  ISO 9001:2015 Calibration & Documentation Protocols for Full Traceability
-  OEM Warranty Repair Capability: No Void of Manufacturer Coverage
-  One Vendor for Repair, Certification, and Maintenance: No Multiple Contractors Needed
-  Available as a Standalone Service or Bundled with Preventive Maintenance Visits

HOW IT WORKS

- 01 Site Visit & Equipment Identification (BSC Model, Filtration Type, SOP Requirements)
- 01 Certification or Repair Performed to OEM & NSF Standards
- 01 Airflow Testing, HEPA Integrity, and Smoke Visualization as Required
- 01 Digital Certification Report Issued, Audit-Ready & Stored in Equip ID™
- 01 Optional Service Bundling with Freezer/Chiller PMs to Reduce Costs & Downtime

