

# ProTech Services LLC

## **Isolators & Glove boxes:**

- Tested to manufacturer specifications, IES RP CC 002 and ISO Class 5.
- Testing to include:
  - Supply & exhaust air flow measurements (FPM/CFM),
  - Leak testing of main chamber supply & exhaust HEPA filters,
  - Main chamber differential pressure to room reading,
  - Temperature & relative humidity measurement,
  - Ground polarity checks,
  - Main chamber airborne non-viable particle counts,
  - Inspection of installation & proper use,
  - Pre-filter inspection.
- Optional tests or services can include:
  - Testing to in-house specifications and CAG 002-2006,
  - Main chamber to pass through pressure,
  - Pass through to room pressure,
  - Ingress/egress test,
  - Glove breach test,
  - Air velocity readings (FPM),
  - Main chamber “purge” challenge,
  - Pressure decay tests,
  - Pass through particle counts,
  - Smoke pattern testing,
  - Light intensity (both UVC and fluorescent),
  - Vibration readings,
  - Sound readings.