



SCI

An EMCOR Company



**TESTING AND
BALANCING**

Systems Commissioning, Inc.— Helping Clients Improve Productivity by Enabling Better Performance.

Systems Commissioning, Inc. (SCI) is a leading testing, adjusting, and balancing (TAB) firm with wide-ranging experience in the testing and repair of commercial and industrial HVAC and fire and life safety systems. We are National Environmental Balancing Bureau (NEBB) and Testing, Adjusting, and Balancing Bureau (TABBB) certified, so you can be confident in our ability to deliver exceptional quality and high performance.

Our experienced professionals also hold additional certifications for many specialized facilities. We've worked in some of the most complex and tightly regulated environments—from medical facilities and large-scale university campuses to sophisticated laboratories, government buildings, and more.

Multiple Solutions —From a Single Source.

With expertise in HVAC, fire, and life safety systems, we can repair whatever issues are uncovered during the testing and certification process. When system performance problems are identified, SCI can help make recommendations, perform retrofits, or even commission, re-commission, or certify equipment.

Testing, Adjusting, Balancing (TAB)

Studies show that proper TAB along with commissioning can result in energy savings of 15 to 30 percent. Utilizing highly skilled and certified technicians who are current with the

latest TAB procedures—and equipped with the most technologically advanced instrumentation available—SCI tests, adjusts, and balances building systems to help achieve the highest possible levels of efficiency. Our goal is to reduce operating costs and increase occupant comfort.

SCI's NEBB TAB-certified professionals and TABBB supervisors:

- > Develop and plan all work
- > Handle report preparation
- > Recommend corrective action
- > Set overall safety plans
- > Maintain instruments and calibration programs

SCI ADVANTAGES

Backed by complete mechanical services capabilities

Detailed knowledge of Texas and Houston-specific state and local codes and standards

All work performed under strict engineering supervision

Involved in consulting for regulatory code updates and revisions

- > Have experience with control strategies, sequence of operation, control systems, equipment and software
- > Review, check, sign and stamp final TAB reports

Healthcare Facilities

The environmental conditions of hospitals and similar healthcare facilities must take into account restricted air movement, contaminated air removal, and the differential pressure required on an area-by-area basis. We understand these stringent requirements and can help bring facilities into state and local compliance as well as meet accreditation standards. Further, we provide our technicians specific training in infection control risk assessment (ICRA) policies and procedures to help ensure patient safety.

Fire and Life Safety Systems

Whether you need a new fire and life safety system or simply want to retrofit an old one, SCI can help you meet current compliance requirements and set facilities up to meet tomorrow's changing environment.

This expertise extends to fire and smoke damper systems that can help prevent the spread of fire and smoke inside of your HVAC ductwork. We offer full inspections per code requirements for this critical equipment.

We also offer annual inspections for fire doors, including checking proper clearance, hardware, assembly, and more. An operating fire door is a vital component to any fire protection system and it is important to be proactive in their inspection schedules.

SCI offers the following fire and life safety services:

- > Damper inspection, testing, and repairs
- > Damper cycle testing
- > Acceptance testing
- > Fire door inspection, testing, and repairs
- > Radiation fire damper inspection, testing, and repairs
- > Smoke evacuation system testing and repairs
- > Stairwell pressurization testing and repairs

Laboratory and Cleanroom Systems

Properly balanced, tested, and certified laboratory and cleanroom systems help keep environments safe for patients, staff, and visitors. We have extensive expertise in these sophisticated systems and can help ensure that rooms are maintaining the correct pressure differential, temperature, relative humidity and particle levels.

SCI offers the following laboratory and cleanroom services:

- > HEPA filter leak testing
- > Fume hood and biological safety cabinet testing, service, and repair
- > Isolator testing, service, and repair
- > Laminar work flow station testing, service, and repair
- > USP 797 and USP 800 compliance testing
- > Peroxide decontamination service
- > Consulting
- > Compliance and critical room surveys
- > Room pressure and air-change-per-hour testing
- > Temperature and humidity testing
- > Sensor calibration and verification



SCI is a division of Gowan/Garrett, one of Houston's largest single-source providers of construction, tenant build-out, fabrication, and mechanical services. Because of this, we are able to handle virtually any issue that arises from the TAB process. Together with Gowan/Garrett, we have the resources, labor power, and expertise to help complete work quickly and efficiently.

WHAT CAN WE DO FOR YOU?

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