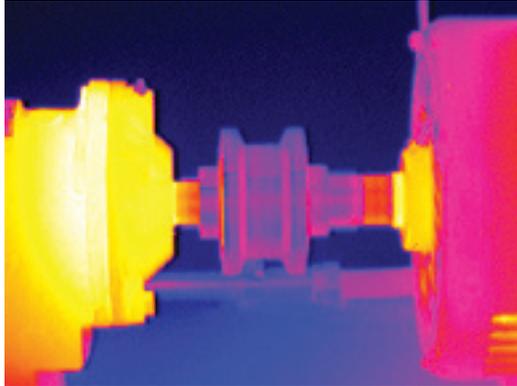


# Systems Commissioning, Inc.

An Industry Leader in the Certified Testing,  
Adjusting, & Balancing (TAB) of HVAC & Life  
Safety Systems

Providing clients building systems  
that help satisfy productivity and  
comfort needs.



**SCI**

*An EMCOR Company*



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

As a leading National Environmental Balancing Bureau (NEBB) and Testing, Adjusting, and Balancing Bureau (TABB) -certified testing, adjusting, and balancing (TAB) firm, Systems Commissioning, Inc. (SCI) has wide-ranging experience in the testing and repair of commercial and industrial HVAC and fire and life safety systems. From multi-story office structures and medical facilities to large-scale university campuses and government buildings, SCI can handle virtually any project with exceptional quality and performance.

SCI's experienced professionals hold additional certifications and designations, allowing technicians to work in some of the most regulated, specialized facilities in Texas. Whether clients need state and local regulatory compliance surveys, or certification testing for biological safety cabinets, fume hoods, or other specialized laboratory equipment, SCI can assist with specific solutions designed with the changing regulatory environment in mind.

### 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

### Multiple Solutions —From a Single Source.

What helps set SCI apart is the ability to repair whatever issues are uncovered during the TAB, fire and life safety systems testing, and certification testing processes. When system performance or other problems are uncovered, SCI can help make recommendations, perform work, or even help clients commission, re-commission, or certify their equipment.

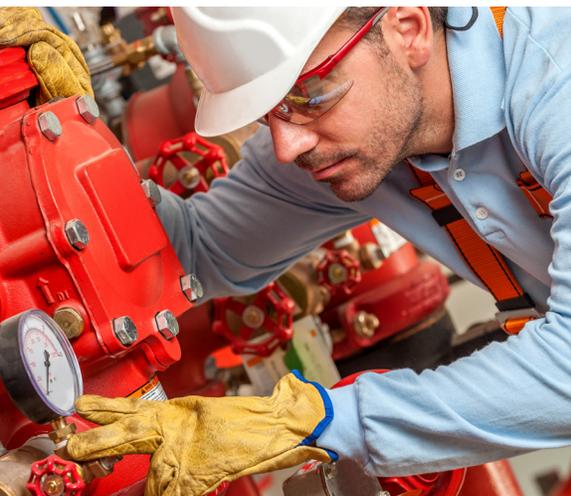
### Testing, Adjusting, Balancing (TAB)

Studies show that proper testing, adjusting, and balancing—along with commissioning—can result in energy savings of 15 to 30 percent. Building owners and tenants know that in order to keep operating costs down, a building's environmental performance must be consistently optimized. However, these goals can only be accomplished when a building's heating, ventilation, air condition (HVAC) and hydronic systems are properly balanced.

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 achieve the highest possible levels of efficiency—with the goal of reducing operating costs and increasing occupant comfort.

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

- » Develop and plan all work
- » Handle report preparation
- » Recommend corrective action
- » Set overall safety plans
- » Maintain instruments and calibration programs
- » Have experience with control strategies, sequence of operation, control systems, equipment and software
- » Review, check, sign and stamp final TAB reports



# A Full Suite of Highly Specialized Mechanical Services—Tailored to Individual Client Needs.

## 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. SCI understands these stringent requirements and can calculate and make the necessary adjustments to bring clients' facilities into state and local compliance.

SCI's experienced technicians understand many of the challenges of working in healthcare facilities. Full participation in hospital policies and infection control risk assessment (ICRA) procedures is vital to patient safety during any project, so many SCI technicians have specific training in ICRA policies and procedures—and follow them to the strictest degree possible. Current customers also use SCI as a resource for the compliance testing required for hospital accreditation.

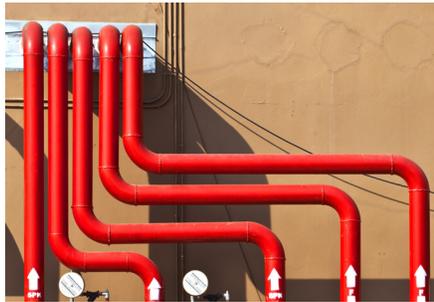
## Fire and Life Safety Systems

SCI and its professionals hold a number of industry certifications and participate actively in the work of virtually every leading industry regulatory and standards organization serving the commercial property, research, and medical communities. So whether clients need a new fire and life safety system or simply to retrofit an old one, SCI can help meet current compliance requirements while helping to position clients to make cost-effective responses to tomorrow's changing environment.

Additionally, SCI's extensive knowledge and experience in HVAC systems, and how they are vital components in fire and life safety systems, helps show clients that not only can SCI test and repair fire and life safety systems correctly, but SCI technicians understand how these systems interact. 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



## Fire and Smoke Damper Inspections

Fire and smoke dampers are used in HVAC ducts to prevent a fire that's burning inside the ductwork from penetrating through fire-resistance rated walls and floors. Smoke dampers are similar to fire dampers in fire-resistance rating, and also help prevent the spread of smoke inside the ducts.

SCI provides fire and smoke damper inspections per code requirements to help client facilities remain safe and protected, and in compliance with local and state building codes and standards.

## Fire Door Inspections

Fire-rated doors are an important part of a building's overall fire protection system. An operating fire door, just like a properly operating fire damper, is a key component to stopping the spread of deadly fire, smoke, and toxic fumes. If the fire door assembly isn't working properly, a facility is at risk.

SCI annually inspects all aspects of the door, including proper clearance and hardware, to be sure it opens and stays closed when it needs too. It is important that facility owners and building managers remain proactive in their inspection schedules so as to avoid any potential liability issues and protect the people in their facilities.



## Laboratory and Cleanroom Systems

Laboratory and cleanroom systems are often complex and critical for patient, staff, and visitor safety, which has increased the need for TAB and certification services. Properly balanced, tested, and certified laboratory and cleanroom systems provide safe environments—and the confidence that they are not being compromised by improperly balanced systems. These critical systems not only have to be properly balanced to provide correct room pressure differential, but are essential to providing correct temperature, relative humidity and particle levels.

SCI offers the following laboratory and cleanroom services:

- » Cleanroom testing
- » Pharmacy testing
- » Laboratory testing
- » HEPA filter leak testing
- » Fume hood performance testing, service, and repair
- » Isolator testing, service, and repair
- » Laminar work flow station testing, service, and repair
- » USP 797 compliance testing
- » USP 800 compliance testing
- » Biological safety cabinet testing, service, and repair
- » Peroxide decontamination service
- » Consulting service
- » Compliance surveys
- » Critical room surveys
- » Room pressure testing
- » Air-change-per-hour testing
- » Temperature and humidity testing
- » Sensor calibration and verification



# Systems Commissioning, Inc.

An EMCOR Company

## A Subsidiary of Gowan, Inc.

SCI is a subsidiary of Gowan, Inc., one of Houston's largest single-source providers of premier construction, tenant build-out, fabrication, and mechanical services. Because of this, SCI is able to handle virtually any issue that arises from the TAB process. Together with Gowan, SCI has the resources, manpower, and expertise to help complete work quickly and efficiently.

## Harnessing the Power of a Fortune 500® Leader

EMCOR Group, Inc. (NYSE: EME) is a Fortune 500® leader in mechanical and electrical construction, industrial and energy infrastructure, and building services for a diverse range of businesses.

For 9 consecutive years, EMCOR has been named one of the *Top 5 World's Most Admired Companies in the Engineering and Construction Industry* by Fortune®—EMCOR is ranked #2 for 2017. EMCOR builds, powers, services, and protects the sophisticated and dynamic systems that create facility environments in virtually every sector of the economy for many of the world's most successful organizations. By planning, installing, operating, and maintaining a wide range of facilities and systems, ~33,000 employees at 170+ locations help clients increase productivity and optimize their businesses.

[www.emcorgroup.com](http://www.emcorgroup.com)

## While You Work, Injuries Lurk. Be Vigilant!

### Be There for Life! Zero Injury Program

Systems Commissioning, Inc. is passionate about productivity, quality, and safety. EMCOR's safety performance is far better than the Bureau of Labor Statistics industry averages, with a rate of injury that is consistently 60%–75% lower than our competitors.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2004-2012)

## Serving the Communities Where We Live, Work, and Play.

### Taking KidSafety to the Streets™

As part of EMCOR's Taking KidSafety to the Streets Program, Systems Commissioning is proud to serve the community through its work with the National Center for Missing & Exploited Children.® By prominently displaying posters of missing children on our company and personal vehicles, and by responding quickly when a child is reported missing within facilities where we work, we help recover missing children and promote child safety.



## How Can We Help You?

**Systems Commissioning, Inc.**

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