



INTERNATIONAL SEISMIC APPLICATION TECHNOLOGY

WWW.ISATSB.COM



Leading the Industry in  
Nonstructural Seismic Building  
Code Compliance

We call it "Streamlined Code Compliance",  
but you can simply call it ISAT.

FORWARD



Historically, seismic requirements for construction were only relevant in certain geographic areas of the world. As time passed, devastating natural disasters were experienced in regions once considered safe. The massive losses resulting from these events led to more rigorous safety standards to protect people and property, and to minimize losses related to business operations. While many earthquakes go unnoticed, others can have a devastating aftermath. Too often, companies rely on insurance as the primary and sometimes only strategy for managing the risk posed by earthquakes.

The International Building Codes have been adopted in many new locations across the globe and place further responsibility and liability on construction teams. Any professional serving the commercial industry should be aware of these governing codes and the repercussions of failing to meet them on any project. All parties involved in any stage of construction must do their part to ensure buildings are built to meet the necessary requirements. Failure to do so could be both professionally and personally devastating.

To maneuver successfully in today's economic and regulatory environment, construction professionals need a partner who brings expertise and value to every aspect of a project. At ISAT, our objective is to deliver cost effective solutions with minimal impact to ongoing operations. We take seriously our responsibility to protect the life and assets within the buildings we work on. The complexity of building codes will continue to evolve at a rapid pace in response to changing world conditions and climates. At ISAT, maintaining industry expertise at the highest level is our guarantee for assuring your project meets the latest seismic requirements, utilizes the best means and methods, and has bottom line cost benefits.

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Healthcare

Biopharmaceutical

Semiconductor

Industrial

Government

Military

Institutional

Commercial

Airports

Mission Critical

Entertainment

Hospitality

Sports Stadiums

Infrastructure

## *International Seismic Application Technology (ISAT)*

As the global leader in seismic engineering services, quality assurance, and restraint system components for nonstructural seismic bracing, ISAT has accrued a project resume that is unmatched in the industry. Our project portfolio includes some of the most complex projects completed on behalf of many of the world's largest and most highly respected construction companies.

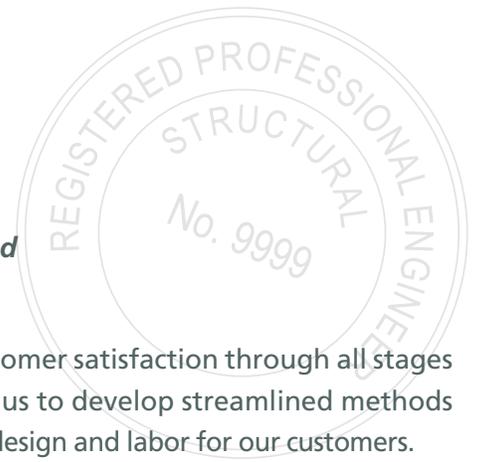
To secure our position, ISAT specializes in construction markets that have a heightened concern for seismic code compliance. Typically these projects are either deemed essential by the building code or directed by the facility owner/insurance provider. Examples of these facilities which must operate with code compliance certainty are hospitals, education facilities, government buildings, data centers, water treatment plants and other vital services. ISAT provides a comprehensive suite of services and solutions at all stages of construction. Our services and solutions are specific to building utility systems including but not limited to HVAC, mechanical, piping, distributed electrical systems, plumbing, process piping, and fire protection. Sensitive to the bottom-line interests of our clients, ISAT has streamlined methods to provide code compliant solutions that translate into immediate savings in design, drastically reduced labor and greater certainty of code compliance.

While many projects share common elements, we understand that every project has unique circumstances and needs. ISAT can work with your in-place staff as a valued partner to augment specialized project needs or can serve as the seismic bracing engineer of record, shifting all seismic restraint responsibility to our team. We take seriously our responsibility to keep people safe and to protect our clients' property and business operations. We believe that quality work starts with quality people. Our sales reps, engineers, designers, field support, and customer service staff are among the best in the industry -- dedicated to project success and backed by experience.

## ***Seismic Codes Are Now a Global Issue***

Specific language in the building codes requires seismic design for nonstructural components by a registered design professional to be submitted as engineered construction documents. Quality assurance methods are also stipulated, and third party special inspection of the engineered seismic system is required. As a result of these code changes, many projects and teams are facing complexities that make it challenging to define and meet requirements. ISAT clears up this confusion and reduces ambiguity surrounding design and implementation of code compliant seismic bracing systems. The following items are just a few examples that must be taken into consideration for each project:

- ***Ground motion maps (soil profile type)***
- ***Seismic design categories (SDC)***
- ***MEP & F utility importance factor based on end use (Ip)***
- ***Building importance factors (I)***
- ***Ratio of building height vs. elevation of the utility being braced***
- ***Structure point load limitations***



At International Seismic Application Technology we are dedicated to customer satisfaction through all stages of construction. Our unmatched experience in the industry, has allowed us to develop streamlined methods of achieving code compliance that translate to immediate project savings in design and labor for our customers. Our staff members are among the best in the industry and backed by the highest level of technology to ensure every aspect of your project is managed to meet deadlines and budgets. Our project resume and high customer return rate speaks volumes. We look forward to working with you on your next project.



*ISAT has been in the seismic restraint business since 1995 and is a division of its parent company, Tomarco Contractor Specialties, Inc., a West Coast provider of construction products since 1977. In this competitive market, we have built a reputation for customer service and on-time delivery of product and services. Our devotion to the needs of our clients and a team approach to project execution is the cornerstone of ISAT's business philosophy. For a more in depth look at ISAT visit our web site at [www.isatsb.com](http://www.isatsb.com) or call us at 877.999.ISAT (4728)*





***With over 15,000 completed projects, we own the experience.***

Our project experience is heavily influenced by healthcare, pharmaceutical, biotech, microelectronic, institutional, food processing and other large scale manufacturing facilities. With over 14,000 projects completed since our inception, including over 700 healthcare projects, our experience is unmatched in our industry. Addressing issues inherent within congested corridors, interstitial spaces, medical gas systems, hazardous systems, crowded duct work runs, rapid schedules and performing critical inspections are daily responsibilities of the ISAT team. IBC projects are commonplace and we are empowered with recent experience to provide lessons learned to deal with its impact.



*Please visit our website for our resume of project experience*  
***[www.isatsb.com](http://www.isatsb.com)***

## Don't take our word for it...

"ISAT's turn key design build capability and product line for seismic bracing systems was an integral part to our success on what was by far the most complex seismic retrofit of an operational FAB that I have been a part of. Throughout the duration of the project, the operations and engineering staff made themselves available to our on site technicians to answer a myriad of questions ranging from general installation practices to design recommendations. I would recommend the ISAT team on any future projects that require seismic bracing."

- Adam Cressman, Ludvik Electric Co.

"I have used ISAT on many projects and have never been disappointed; TCM recently completed an extremely large fast-track data center that required extensive seismic support on the massive amount of mechanical piping, duct work, and equipment at this project. The ISAT team helped us make the project a huge success. Their engineering support is very solid and their work is done in a timely manner. Their installation support personnel are outstanding and they were always able to attend short-notice meetings at this remote job site to address any critical issues that we encountered in the field. Without a doubt, I consider ISAT my #1 choice for all of our seismic work".

- Kent Grove Construction Operations Manager, Temp Control Mechanical Corp.



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*Empowered by experience!*