

THE ISOLATOR

JULY 2019 – VOL. 13

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THE ISOLATOR

MONTHLY NEWSLETTER FROM KINETICS MIDDLE EAST LLC

We hope to keep you updated on our latest news and provide you with important technical and market information. We are striving for advancement through your participation through write ups, new ideas, suggestions and sharing “The Isolator” to your colleagues & friends. My sincere thanks to all the team members who have contributed for this newsletter and I’m confident to achieve our dream milestone of continual growth.

Nithin George

Marketing & Business Development

**KINETICS**
Middle East LLC

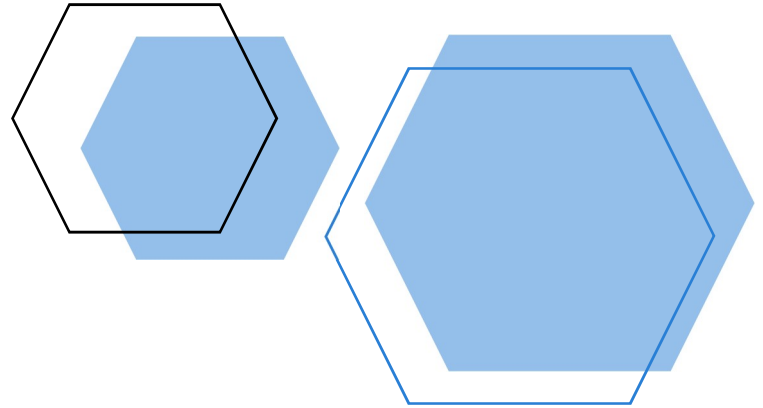


52/42, DUBAI

PROJECT UPDATE

Overlooking the Dubai Eye and the Bluewaters island, another landmark development by Emaar, this project involves the construction of two luxury residential towers, ranging from one, two and three-bedroom units. The first tower comprises of 52 storeys and the second tower comprises of 42 storeys, with a combined total of 466 residential units.

Kinetics Middle East was engaged by M/s. Shapoorji Pallonji who are the Main & MEP contractors for the project to carry out the design and supply of Vibration isolators, Rubber Flexible Connectors and Expansion Joints.



EXPANSION JOINTS

PRODUCT HIGHLIGHT

Thermal growth, equipment movement, vibration or pressure pulsation may generate movement in a piping system. When this movement is not absorbed by the piping system itself, an expansion joint is the perfect solution.

An expansion joint is a device primarily formed by flexible bellows used to absorb movements in a piping system while containing pressure and a medium running through it.

The most important part or main element of any expansion joint is the bellow. The bellow is a flexible element consisting of one or more corrugation and the end tangents.

The most standard types of connection parts are welding ends and flanges. Metal Expansion Joints are connected to pipes, machines and apparatus either by welding them to the pipes or by connecting them through flanges. In some cases, screwed nipples or clamps are used.

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KINETICS
Middle East LLC





TAMER EL GHARABAWY

EMPLOYEE SPOTLIGHT

We would like to recognize one of the most important pillars of Kinetics Middle East, Engr. Tamer El Gharabawy. Tamer, who joined Kinetics 13 years ago has grown with the company and is now the company's Senior Regional Manager and one of the members of Management Committee. Tamer handles the most important clients of Kinetics along with additional responsibilities for Saudi Arabia, Kuwait, Jordan and Lebanon.

Tamer who hails from Egypt has graduated in Mechanical Power Engineering and has extensive technical knowledge and more than 20 years' experience in the field of Vibration & Seismic control.

During his free time, he enjoys Horse riding and also hits the gym whenever possible. Tamer is honored for his hard work and continuous dedication that propels our advancement.

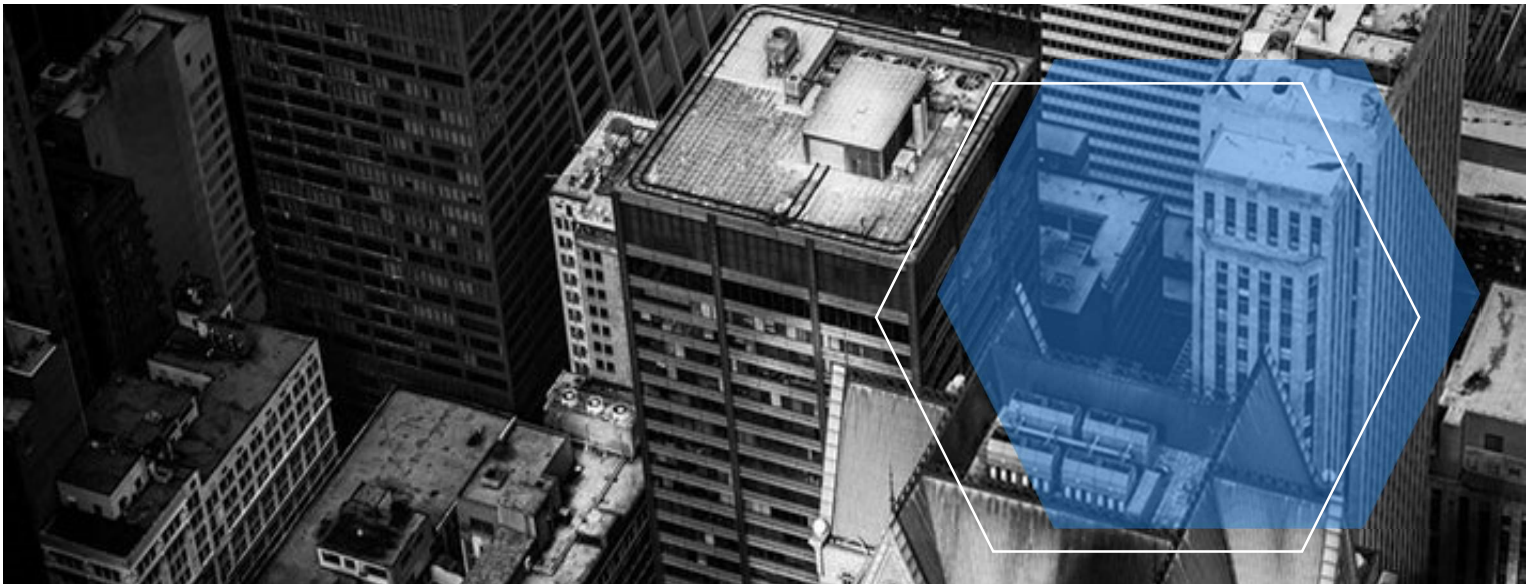
INTER – NOISE 2019

CURRENT EVENTS

INTER-NOISE 2019 MADRID, the 48th International Congress and Exhibition on Noise Control Engineering to be held on 16 – 19 June 2019. Some of the topics which was mainly discussed for the conference was Acoustic materials, Aircraft noise, Vibro-Acoustics, Architectural & Building Acoustics etc.

Our principals, Kinetics Noise Control actively participated in the event and was present in Booth #36.

The organizers of the event were, Spanish Acoustical Society (SEA) and International Institute of Noise Control Engineering (I-INCE). The goal of this event is to support Young Acousticians - undergraduate or postgraduate students, postdoctoral, or young noise control engineers working in industry.



DESIGN TRENDS INCREASE NEED FOR BETTER ACOUSTIC CONTROL

TECHNICAL DISCUSSION

Modern approaches to building design have our public and working spaces looking and feeling much different than in the past. Open concepts and the reduction of private rooms and offices are breaking down communication barriers and promoting collaboration. New designs are also allowing for more natural light and warmth by incorporating glass walls, high ceilings and low partitions.

The green building movement continues to gain momentum as well, with a focus on more sustainable building practices. This includes avoiding less eco-friendly materials in the design of new spaces – carpets, for example – and the increased use of clean, sound-reflective surfaces for walls and flooring.

When looking at how far building design has come, it's easy to see the benefits. What is often less apparent is how these trends are actually impacting the occupant experience – in fact, you have to listen for it. Open spaces, bare floors and reflective surfaces common in modern design are also known for their ability to bounce or reflect sound. When left uncontrolled with outdated acoustic design approaches, noise created in these spaces has the opportunity to travel and disturb those trying to work, focus or even relax. Many of today's building's post occupancy surveys show dissatisfaction with both noise levels and sound privacy.

Despite going unseen, sound can be the most prominent characteristic in a room. It plays a major role in the true experience of design; ask anyone who has tried to concentrate in an open-concept office, or has had to call into a meeting being held in an overly echoic conference room. If not controlled properly, the sound of the apple crunchers, door slammers, toe tappers and constant gabbers can cause increased distractions and impede productivity. For those in healthcare environments, noise even has a negative impact on clinician accuracy and patient recovery.

