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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

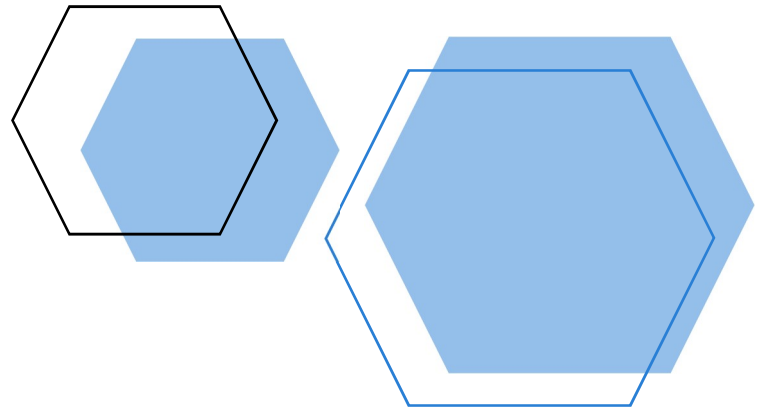
Marketing & Business Development

SAHARA CENTRE EXPANSION, SHARJAH

PROJECT UPDATE

Sahara Centre is one of the biggest malls in Sharjah and is located at the Dubai-Sharjah highway. The expansion project involves mall expansion comprising 3 basement levels, a ground floor and 7 additional floors accommodating retail outlets and offices.

Kinetics Middle East was engaged by M/s. Darwish Engineering, Sharjah who are the Main contractors for the project to carry out the design and supply of Floating Floors. The MEP Contractors on the project, M/s. GECO, Sharjah engaged us to carry out the design and supply of Seismic Restraints, Vibration isolators, Flexible Connectors and Expansion Joints (FM approved for Fire-Fighting and Standard Building Expansion joints).



ACOUSTIC UNDERLAYMENT

PRODUCT HIGHLIGHT

Acoustic underlayment is a product that are specifically developed to control impact sound through floors. An effective impact and footfall sound reduction helps improving quality of life, an efficient vibration isolation provides living comfort and good working atmosphere.

Kinetics Middle East has tied up with M/s. Kraiburg Relastec, Germany (DAMTEC) and have developed the KINLAYMENT acoustic underlay specifically for this application and market demands.

KINLAYMENT is a rubber underlay and can be used under screed as well as under tiles. KINLAYMENT consists of high recycled rubber granules and can assist to earn up to 4 LEED points in the category of 'Materials & Resources'.

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KINETICS
Middle East LLC





JITHIN CHAKKANTHARA

EMPLOYEE SPOTLIGHT

We would like to recognize our young guns of our company, Mr. Jithin Chakkanthara. Jithin managed to process a record 138 orders single handedly last month. Jithin also managed to process more than 1,000 orders for us in the fiscal year of 2018-2019 which is also a record that needs to be beaten.

In addition to handling logistics and customer service, he is also a qualified accountant and helps the team during peak period. During his time off, Jithin enjoys sports and is enthusiast in travelling.

We look forward to what the future holds for Jithin and wish him continued success with us.

NOISE-CON 2019

CURRENT EVENTS



Noise-Con 2019 is annual conference for companies engaged in Noise & Vibration control engineering and is conducted by Institute of Noise Control Engineering of USA (INCE-USA). INCE, USA which is a non-profit organization whose primary purpose is to promote, through its members, noise control solutions to environmental, product, machinery, industrial and other noise problems. INCE-USA is a Member Society of the International Institute of Noise Control Engineering, an international consortium of organizations with interests in acoustics and noise control.

The event was held between August 26th to 28th 2019 in San Diego, CA, USA. Our principals, Kinetics Noise Control actively participated in the event and was present in Booth #310.



PRACTICAL GUIDE TO CHILLER NOISE CONTROL

TECHNICAL DISCUSSION

The noise generated by air-cooled chillers is a combination of mid to high frequency noise generated by the screw compressors (bottom of the unit) and low frequency noise being generated by the up-blast fans (top of unit).

Chillers are often placed in equipment yards constructed of “hard” concrete block. These hard surfaces create a reverberant sound field which magnifies and redirects noise to the surrounding community. Kinetics Noise Control's sound absorption solutions reduce the adverse reverberant effect caused by chillers and other mechanical equipment.

For Outdoor Air-Cooled Chillers, Noise is emanating into critical areas: screw compressors (on the bottom of the unit) generate mid/hi frequency noise; Up-blast fans (on the top) generate low frequency noise.

As a standard practice, we advise restrained type vibration isolators (ASHRAE Type 4) to control the structure borne noise transmission and floating floor foundation to control the air-borne noise transmission to below floors. However, in most cases, the position and placement of the chillers on the project are critical and, in such cases, it may require custom-made solutions like circular podded silencers for fans, compressor noise control curtains, double-wall metal panels etc. We strongly recommend a detailed acoustical study in these situations.

