THE ISOLATOR
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INSIDE THIS ISSUE

THE ISOLATOR

Welcome to the November edition of The Isolator, the monthly newsletter from Kinetics Middle East LLC. In this edition, we look at the latest addition of high-rise buildings to the Dubai Marina, the upcoming Le Meridian – Mina Seyahi extension project. We also take a detailed look into the Technical seminar hosted by us under the ASHRAE Falcon Chapter in addition to our standard segments of Product and Employee highlight. Happy reading!

Nithin George

Marketing & Business Development

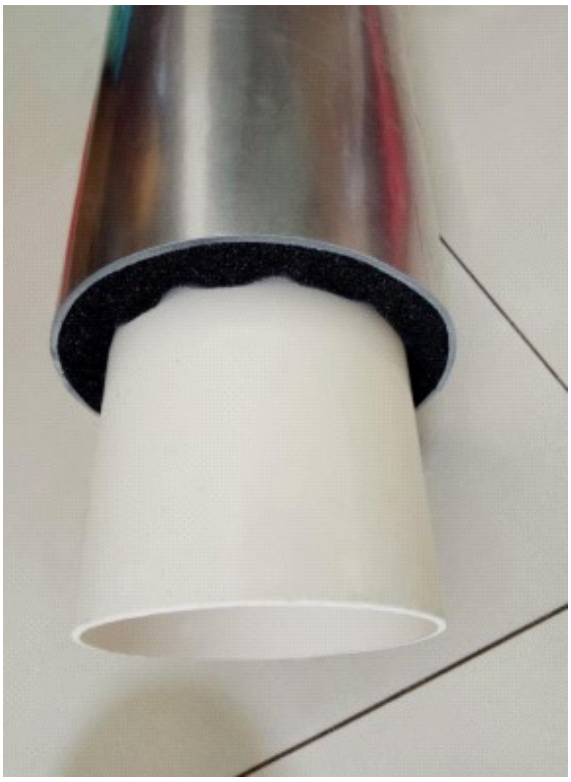
KINETICS Middle East LLC

LE MERIDIEN, DUBAI MARINA

PROJECT UPDATE

The project involves the construction of a 5-star hotel which is the extension of the existing building of the Le Meridien Mina Seyahi Hotel in Dubai Marina comprising a basement level, a ground floor, 30 additional floors, a mechanical floor and a roof.

Kinetics Middle East was engaged by M/s. Albonian International, the MEP Contractor of the project to design and supply the Vibration isolators, Seismic restraints, Flexible connectors, Expansion Joints, Acoustic Lagging etc. We are also working with the Main Contractor, M/s. Dubai Contracting Company for the Acoustic package on this project.



KINLAG – FOAM TYPE ACOUSTIC LAGGING

PRODUCT HIGHLIGHT

KINLAG is the latest model of Acoustic Lagging from Kinetics Middle East consisting of open cell, hydrolysis resistant, convoluted polyether PU Foam as a decoupling material instead of the traditional fiberglass material combined with the mass loaded limp polymer noise barrier.

This type of material combination is considered very safe and an alternative to fiber-based products which may have varying amounts of formaldehyde content and fibers that can compress and come loose over time.

When tested as an Acoustic Pipe Lagging wrap on 100mm PVC pipe: 25 dB(A) rating, Four zero Fire rating, (AS1530.3), 5 kg/sqm barrier.

KINETICS Middle East LLC

KALAM MOOPAN

EMPLOYEE SPOTLIGHT

This month we would like to recognize the employee of the month, our senior logistics & shipping specialist, Mr. Kalam Moopan.

Kalam is a true asset within our organization, and last month he performed his duties above standard, both in his invoicing and follow up on current orders. Kalam exhibited the necessary communication within all departments on the status of his orders, as well as to his customers. Also, with staff members on leave within his department, Kalam was able to handle the additional load while not missing any steps on his own requirements. We really appreciate your hard work and your consistency, thank you so much for dedication and persistence!

ASHRAE SEMINAR

CURRENT EVENTS

ASHRAE Falcon Chapter

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. The middle east wing of ASHRAE better known as ASHRAE Falcon Chapter invited us to host a Technical seminar. The event was held on October 22, 2019 in Arjaan by Rotana, Dubai Media City.

The topics we took for the 2-hour session were: Seismic Restraints – **IBC vs. UBC code for Non-structural components**, which was taken by Mr. Paul Selman, P.E, MBA from Kinetics Noise Control, USA and **Common Myths and Pitfalls of Simulation and Analysis Software** which was taken by Mr. Prashant Ojha, President & CEO of Mechartes International.

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ASHRAE SEMINAR...

As the level of knowledge and data collected increases, these equations are modified to better represent these forces. Major shortcomings in the force levels predicted by the codes in effect at the time have led to the development of considerably more complex equations that more accurately address items such as equipment locations within a building, soil factors, etc. It is important to recognize that the newer codes predict a significantly higher seismic design load than past codes. This is particularly true for equipment located in upper levels of buildings. This topic was discussed in detail for the first session.

The process of obtaining the desired solutions cannot really be standardized and therefore gives rise to varied amount of myths and misinterpretation of the solutions proposed by analyst and designer using these software applications. The second topic addressed the common pitfalls in interpreting engineering software results using numerical simulations methods with case studies from real-life applications in pipe stress analysis, structural design, hydraulic analysis and Computational Fluid Dynamics.