

# The Isolator

*Kinetics Middle East - Newsletter Issue 2*



## Principals

[H & H Acoustic Technologies](#)

H & H Acoustic Technologies incorporates the Architectural acoustic business of the Hodgson & Hodgson group together with the acoustic supply business. It Retains the expertise and product range developed by Hodgson & Hodgson over many years. H&H Acoustic Technologies provide acoustic insulation to a wide range of industries. We have a range of branded products including, REDUC the market leading acoustic flooring solution.

## Employee Spotlight

[Malik Khan - Warehouse Operations](#)

This past April we celebrated the 15-year anniversary of Malik Akbar Khan, hired once KME established a stocking warehouse, Malik handled his responsibilities for the warehouse operations with hard work, honesty and precision. From KME's starting capacity of 2,000 sq. meter unit to today's 15,000 sq. meter space, Malik has been a great contributor of our growth. We would like to thank Malik for his hard work and dedication throughout his tenure with KME.

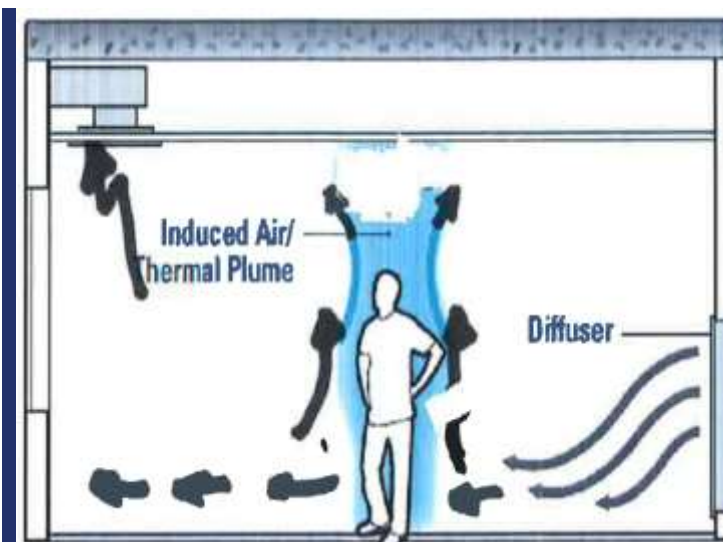
## Current Events

[KME - Sustainable Way \(ISO 14001\)](#)

Sustainable development is the balance between care for the environment social wellbeing & economic growth. KME focusing on the problems to the solution caused by industrialization and population growth through ISO 14001 by protecting the environmental performance.

It Promotes environmental management within the Organization, plans future growth by meeting consumer expectations & provides solution to the global challenges

Technical Discussion by D. Thenappan



One of the cause for occupancy discomfort in an Airconditioned space is the Draft which is due to the supply air diffuser (i.e. type / selection) and their locations.

Having a Displacement Ventilation system incorporated in the design provides the following key benefits.

- Draft is avoided since the supply air is at very low velocities.
- Air-conditioning only the occupied zone with higher off coil conditions give energy saving.
- Noise levels within the space (i.e. due to supply air system) is very low and it is negligible.
- Diffusers can fit with the Architectural requirement.

**PROJECT HIGHLIGHTS - MUSCAT INTERNATIONAL AIRPORT (MC 3)**

Kinetics Middle East LLC, worked diligently in the prestigious project in Oman.

The stylish new state of the art airport has been designed to be a shining symbol of the Sultanate of Oman spanning building area 580,000 m2 with 97-meter ATC tower, 96 checks in counters, 29 passenger boarding bridges, 30 Aircraft Remote Stands, 5500 bags handling capacity per hour, two parallel run ways & a hotel.

Kinetics Scope includes supply of.

- Vibration & Seismic Restraints
- Flexible Connectors & Expansion Joints
- Flexible Sound Attenuators
- Acoustic pipe lagging
- Acoustic Barriers



**Networking - Month of June**

No magic fairy will work unless we network our self. Every month Kinetics Middle East Engaging client, consultants, suppliers who can support us in growth by supporting requirements in Noise Control Solutions we had engagements with consultants in the month of June are.

1. Adnan Saffarini
2. Design International
3. SSH International Consultants
4. Khatib & Alami
5. Consolidated Consultants
6. Golden Planner Consultants

for projects, services & products in their requirements for Acoustics, Vibration Isolation, Seismic Restraints, Stress Analysis & allied products.



CPD & International Exhibitions			
Client/Event	Date	Venue	Subject
AI ASRI Consultants	26.07.2018	Dubai	MEP
Machinery & Equipment	04 to 06 <sup>th</sup> July 2018	Kenya	HVAC & Engineering
International Exhibition HVAC	10 <sup>th</sup> to 12 <sup>th</sup> July 2018	Nigeria	HVAC

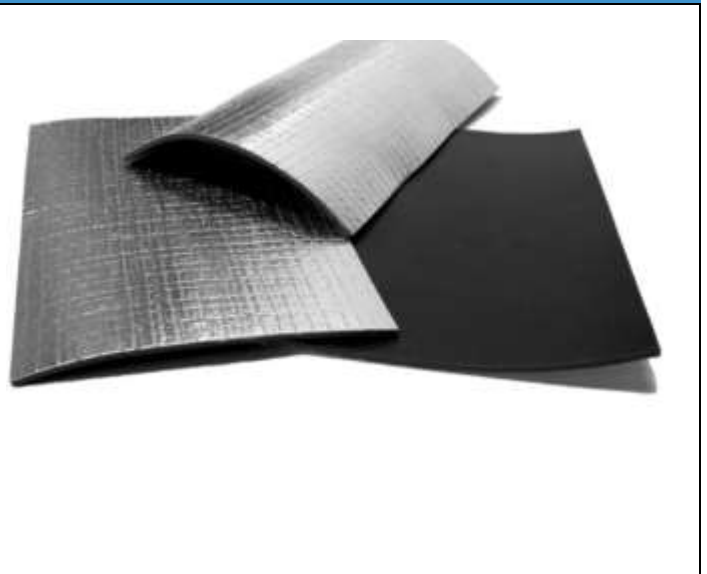
**PRODUCT HIGHLIGHT OF THE MONTH**  
**KNM 100 AL**

A new fire-resistant noise barrier material for wrapping ducts and pipelines is now available. Designed for indoor or outdoor use, Kinetics Model KME- 100 AL reduces risk due to burning & smoke development flame spread.

The material is designed to reduce sound transmission from HVAC duct, fluid or gas pulsation in pipeline for chemical, photochemical and west water treatment plants and gas utility pressure-reducing solutions.

Building code stipulates requirements for flame spread and smoke developed indices depending on where a limp mass barrier may be installed.

Kinetics Noise Control offers designers, three (3) CLASS A product solutions, as per ASTM E84-15b, reinforced aluminum foil facing is added to the 100B. Limp mass barrier is available in a variety of configurations- 1/2-, 1-, and 2-pound per square foot; reinforced, non-reinforced; foil-covered & clear. KEM - 100 AL is easy to handle, self-supporting weight capacity. Available in 54" x 60' rolls.



To contribute on the Newsletter's Technical Discussion section of the "The Isolator", email the editor at [mahendra@kineticsmiddleeast.ae](mailto:mahendra@kineticsmiddleeast.ae)