

The Isolator

Kinetics Middle East – Newsletter Issue 12



Technical Trainings

Pipe Stress Analysis & Support Design

One of our allied partners, Ms. Mechartes International was in Dubai from April 10-11 for training our Design & Sales staff on the key challenges and points faced during Pipe Stress analysis and Support Design.

The session was conducted by Mr. Sandeep Bhatia, Snr Manager - Piping & CAE and Mr. Prashant Ojha, CEO of Ms. Mechartes International.

<https://www.mechartes.com/>

Employee Spotlight

Mohammed Ikram - Assistant Warehouse Manager

The employee of the month of May 2019 is Mohammed Ikram. Ikram is a 14-year employee with us and is the key to our day-to-day warehouse operations.

He ensures all the products are assembled as per Kinetics' standards. Ikram's dedication and hard work ensures smooth operations in the warehouse and on-time deliveries for our customers. During his free time, he enjoys Cricket and is enthusiast in Travelling.

Current Events

CPD - AE7

A CPD Lunch & Learn seminar session was organized for Ms. AE7 Consultants on April 15th, 2019. The session was attended by the Architecture team of Ms. AE7 consultants. The topics covered for the CPD were:

- Building Acoustics - Main concepts
- Architectural & Interior Acoustics

For any CPD or Lunch & learn sessions required for your team, please get in touch with our Marketing Team.

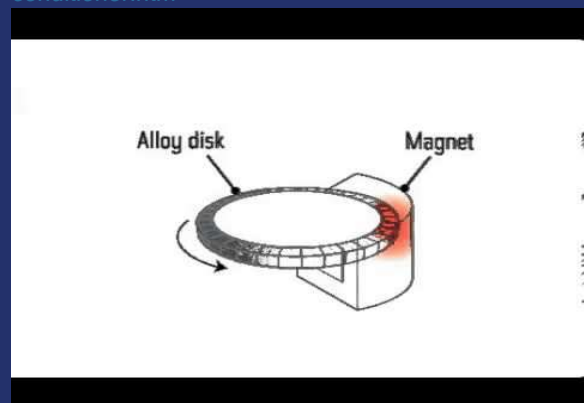
Technical Discussion: Future of Air Conditioning - Magnetic Air Conditioning

One day in the not-too-distant future, magnetic air conditioners may help us keep our homes cooler inside without making temperatures hotter outside. A traditional air conditioner works by changing a liquid refrigerant to a gas (absorbing heat from the outside air in the process), then compressing and cooling the gas to convert it back to a liquid. Magnetic air conditioners take an entirely different approach to cooling, using magnets instead of compressors and refrigerants to cool the surrounding air.

These air conditioners will cool the air by exposing the material of its magnets to a magnetic field repeatedly and quickly to produce a greater amount of magnetocaloric effect. U.S. DOE's Ames (Iowa) Laboratory in collaboration with Astronautics Corporation of America has developed a prototype in which a wheel containing gadolinium, a rare earth element, spins through a stationary magnetic field to heat up its material. It cools down while passing through the gap in the field to cool down the water surrounding it through its repeated spins.

Read More:

<https://home.howstuffworks.com/magnetic-air-conditioner.htm>



PROJECT HIGHLIGHTS - PALM TOWER HOTEL & RESIDENCES, DUBAI

The project involves construction of a hotel and residential building comprising 3 basement levels, a ground floor, 3 parking levels and 52 additional floors. It will have a total built up area of 95,595 sqm. The project includes a mixture of 502 serviced, fully-furnished studios and one, two- and three-bedroom apartments. The tower also includes a five star, 290-room hotel with an array of dining and leisure facilities, including a rooftop restaurant, viewing tower and infinity pool. Kinetics Scope of Supply & Services offered -

- Acoustic lagging
- Vibration Isolators
- Seismic restraints
- Flexible Connectors
- Expansion Joints
- Pipe Stress Analysis & Support Design
- Seismic Study



MARKETING CORNER



We would like to extend our Congratulations to H. H Sheikh Mohammed Bin Rashid Al Maktoum, Vice President U.A.E Prime Minister and Ruler of Dubai on the 13th occasion of Accession day. We wish His Highness Progress and Success.

Left: The congratulatory poster ad for the occasion of Accession Day featured in Emirates Police Magazine.

NEW PRODUCT ANNOUNCEMENT!! KINLAYMENT ACOUSTIC UNDERLAY

Introducing the new range of KINLAYMENT Acoustic Underlayment developed by DAMTEC, Germany for serving to needs & demands of Middle East Construction market.

KINLAYMENT is a rubber underlay used under screed / concrete slab systems. KINLAYMENT can also be used under parquet, laminate, carpeting and ceramic tiles and even rigid floor elements on wooden sub floors.

KINLAYMENT is particularly quick and easy to install and is providing extremely high resistance to compressive loads and outstanding elasticity.

Material: Granules Rubber with Polyurethane bonding

Thickness: 2.5, 3, 4, 5, 6, 8 mm (+/- 0.6% Tolerance)

Density: 760 kg/m³ to 860 kg/m³

ΔL_w : 21 dB for 5mm thickness

ΔIIC : 24 dB for 5mm thickness

<http://www.kineticsmiddleeast.com/product/valli-zabban-italy-isolnoise-acoustic-underlay/>



To contribute on the Newsletter's Technical Discussion section or unsubscribe from the Newsletter, email the editor at nithin@kineticsmiddleeast.ae