

The Isolator

Kinetics Middle East - Newsletter Issue 3



Allied Partners Teddington Engineering Solutions - UK

Teddington Engineered Solutions Ltd. (TESL) is in the business of Metallic Bellows, Expansion Joints, Pipe supports, hangers, flexible hoses, bellows also cater to design, fabrication & NDT Services since 1927 with exceptional quality, supreme reliability and total design flexibility.

Kinetics Middle East is associated with the Teddington Engineered Solutions for more than 10 years, offering wide range of services through our network in UAE, GCC and other operational locations. Customized designs services and attention to the needs of the customers is the keynote of our success with TESL products.

<http://www.tesl.com>

Employee Spotlight Sanjith Chirayath

This month's employee spotlight highlights one of KME newest team members, Sanjith Chirayath. Sanjith joined KME in November 2017, as a fresh recruit out of Mumbai University with his B.E. Mechanical Engineering Degree. Since being hired, Sanjith has showed the type of focus, commitment and desire to learn at a respectable level. This acceleration in his understanding, has led to his promotion to our Abu Dhabi Office in May 2018, in which he has settled into his new role comfortably and confidently. We look forward to what the future holds for Sanjith and wish him continued success with KME.

Current Events New Product Development

Kinetics Middle East has development plans to establish new product range for UAE, GCC and New Markets like Africa to give us considerable edge on the competition, Kinetics has recently expanded their range of products with the tie up with new partners. One being HZ Acoustic, Denmark for spray plaster, high quality, excellent properties easy installation, and long average lifespan up to 20 years. And the products added to the range are.

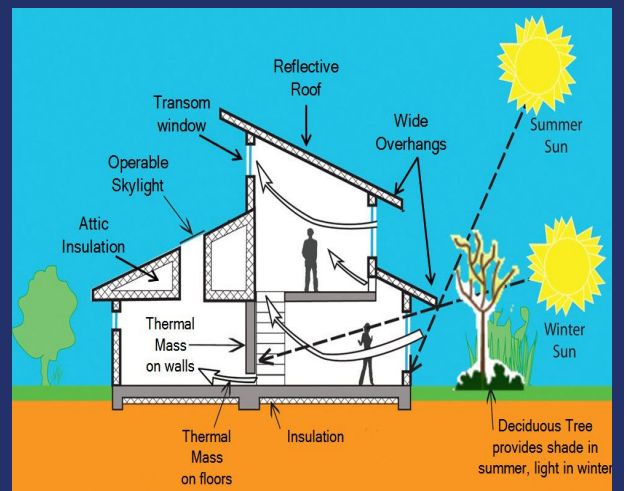
- Dielectric Unions
 - Acoustic Plaster
 - Dismantling Joints
 - Micro Perforated Wooden Panels
- www.hzas.dk

Technical Discussion: Passive Solar (courtesy - Interstate AC)

Harnessing solar energy does not mean you need photovoltaic panels on your roof and technology solutions. These are many ways to design passive solar into a home that will allow you to lower your heating and cooling costs year-round and make your home more environmentally friendly.

Passive solar means using the building's windows, walls, and floors to collect, store and distribute solar energy in the form of heat in the winter. And rejecting solar energy (heat) in the summer. It is called "passive" because it does not use mechanical means to distribute heat, but rather takes advantage of natural convection, radiation and air flow.

Benefits includes adding energy-efficient features into an older home (specifically in the west) that currently has little insulation, less energy efficient windows, and non-energy star appliances, you may be able to reduce heating and cooling costs by up to 50 - 60 %. That savings will pay for itself year after year.



PROJECT HIGHLIGHTS - NEW ALAIN HOSPITAL

A new Al Ain Hospital Project being developed on the name of "Healing Oasis" the new facility is designed to combine the friendliness of an oasis village with state-of-the-art medical services. The hospital will have 719 beds, including 484 beds for general medicines, surgery, children's ward and maternity, 67 for ICU, 142 for medical rehabilitation, 26 for VIP patients and royal suits and out of the 713 beds, 150 beds will be dedicated for rehabilitation. The hospital will also include 104 advance specialized clinics, 17 radiology rooms for X Ray, Computerized Tomography (CT) Scans, and Magnetic Resonance Imaging (MRI) services, as well 22 specialized rooms for endoscopy diagnosis & procedures.

Kinetics Scope includes - Pipe Stress Analysis, Seismic Analysis, Acoustic Analysis, Vibration Isolators, Seismic Restraints.



Networking - Month of August

To network with Organizations, Professionals & Consultants KME Sales and Marketing team has met with on various leading MEP Clients & Consultants to discuss development in Acoustics, Vibration Isolation, Seismic Restraints, Stress Analysis etc.

The Consultant's engagements have been with.

1. Al Wasl
2. Al Asri Consultants
3. WSP
4. TABREED
5. EC Consultants
6. Integrated Consultants
7. STH Consultants
8. AE 7



CPD & International Exhibitions			
Client/Event	Date	Venue	Subject
EC Consultants	30.08.2018	Dubai	MEP
International Exhibition	16.08.18 – 18.08.18	Ghana	International Trade
International Exhibition	16.08.18 – 18.08.18	Tanzania	Construction Expo

PRODUCT HIGHLIGHT OF THE MONTH
INERTIA BASE Kinetics™ CIB-L

Model CIB-L Inertia base frames, when filled with concrete, meet all specifications for inertia bases, and when supported by proper Kinetics™ vibration isolators, provide the ultimate in equipment isolation, support, anchorage, and vibration amplitude control. Kinetics™ CIB L inertia base frames incorporate a unique structural design which integrates perimeter, channels, isolator, support brackets, reinforcing rods, anchor bolts, and concrete fill into a control load transfer system, utilizing steel in tension and concrete in compression, resulting in high strength and stiff-ness with minimum steel frame weight. Completed inertia bases using model CIB-L frames are stronger and stiffer than standard inertia base using heavier steel frame.

Applications: Kinetics™ CIB-L Inertia base frames are specifically designed and engineered to receive poured concrete, for in supporting mechanical equipment requiring a reinforced concrete inertia base, used to support mechanical equipment's, reduce equipment vibration, provide for attachment of vibration isolators, prevent differential movements between driving and driven members, reduce rocking by lowering equipment center of gravity, reduce motion of equipment during start up and shut down, act reduce reaction movement due to operating loads on equipment, and act as a barrier.

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KINETICS
 Middle East LLC



To contribute on the Newsletter's Technical Discussion section of the "The Isolator", email the editor at mahendra@kineticsmiddleeast.ae