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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

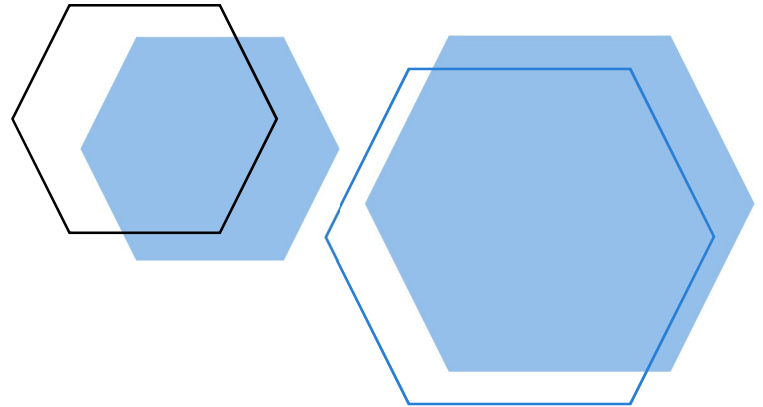


WATER'S EDGE, ABU DHABI

PROJECT UPDATE

The project is a waterfront development on the Yas Island, Abu Dhabi. The residential apartment complex is located adjacent to the upcoming Sea World theme park, will have private courtyards with landscaped areas, pools, multipurpose courts and a mosque. The complex will feature 13 residential towers comprising of 2,255 units in total with studios to three-bedroom apartments and waterfront promenade with various dining and retail shops.

Kinetics Middle East was engaged by M/s. Trojan General Contracting who are the Main & MEP contractors for the project to carry out the design and supply of Vibration isolators, Seismic Restraints and Pipe Riser supports.



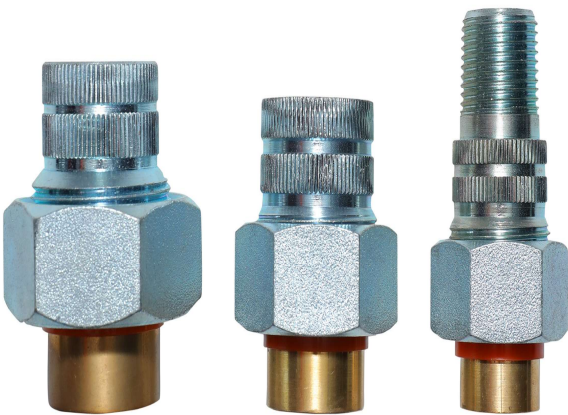
DI-ELECTRIC UNIONS

PRODUCT HIGHLIGHT

Dielectric Unions are designed to be installed between pipe made from dissimilar metals to prevent accelerated corrosion and deterioration in the piping system due to stray current discharges.

Application: These unions are designed to be installed between pipe made from dissimilar metals to prevent accelerated corrosion and deterioration in the piping system due to stray current discharges. Hot Water storage tanks, water and air conditioners, processing tanks, steam, gas and water piping etc.

The most standard types of connection parts are: Female Steel Brass solder, Female Steel Female Brass, Female Steel Male Brass, Male Steel Brass Solder, Male Steel Male Brass ends.





SHERAZ SAHIBZADA

EMPLOYEE SPOTLIGHT

We would like to recognize one of the most dedicated employees, Mr. Sheraz Sahibzada. Sheraz is recognized for his implementation on stock order procedures, coordination and enactment in the company's operations which will not only initiate better preparation and readiness of materials, while also will be cost effective on the company.

Sheraz is an expert in the field of Procurement, Logistics and sub-contracts and has successfully executed large scale orders in a timely and professional manner. Prior to joining Kinetics in August 2006, he worked with Korean conglomerate Hyundai Engg. & Const. Sheraz embodies what it means to be a leader, a team player and a role model of Kinetics' core values. During his time off, Sheraz enjoys sports and is enthusiast in travelling.

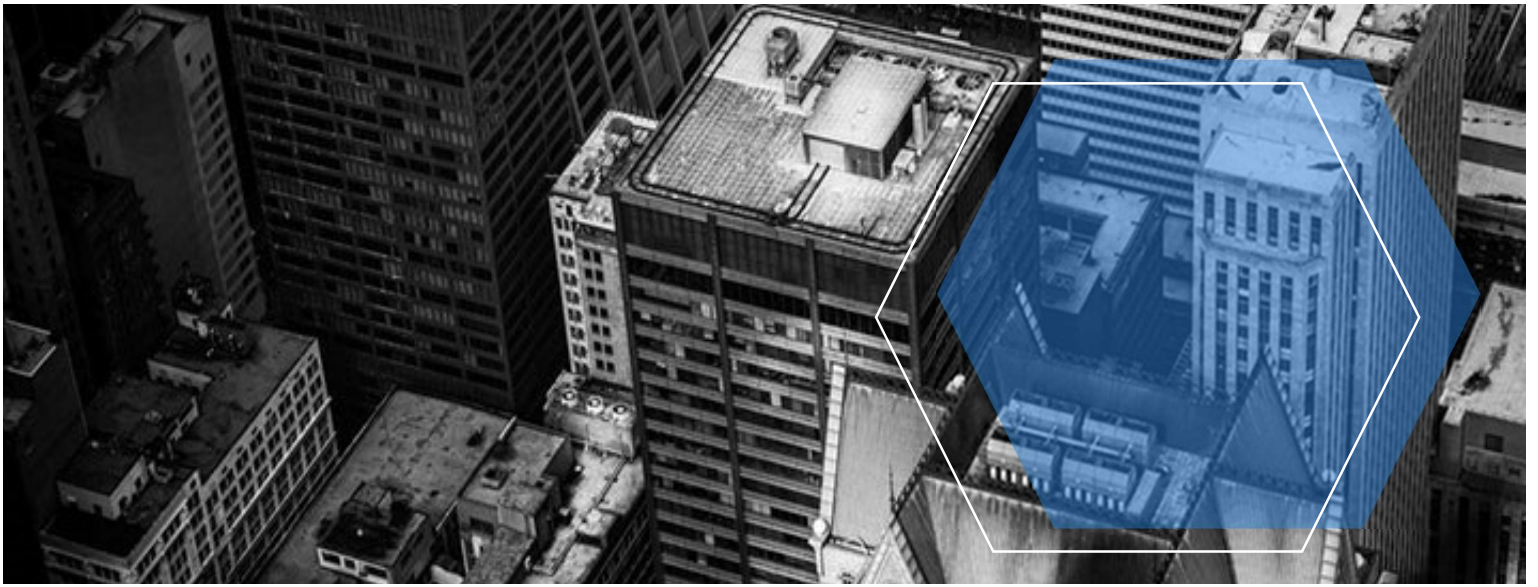
HYDROVISION INTERNATIONAL 2019

CURRENT EVENTS



HydroVision International provides a week of informative hydropower focused meetings including perspectives on the role of hydropower and issues affecting hydro resources. It will also help participants develop a vision to meet challenges and ensure the future sustainability of hydro. Our principals, Kinetics Noise Control actively participated in the event and was present in Booth #8017.

The event was held between July 23rd to July 25th 2019 in Portland, Oregon, USA. The market trends and technologies with respect to Marine and Hydro-Kinetic energy was actively discussed during the event.



PIPE STRESS ANALYSIS: MYSTERY & MAGIC

TECHNICAL DISCUSSION

Stress analysis is a science and an art performed behind the scenes of a project and invisible to the average observer; invisible unless something fails. Sure, there are pipe supports but they can be passed off as keeping the pipe off the ground in the battle with gravity. Anyone who ever put up a shelf has some idea how to counteract gravity. And for many applications, it is that simple.

When it comes to pipe stress analysis, experience counts, and engineers who are familiar with the process, the codes and who have access to pipe stress analysis software are invaluable. Because the pipe stress analysis process is most often one of trial and error, stress analysis softwares like AutoPIPE by Bentley (Used by Kinetics Middle East LLC) can dramatically reduce the time (and cost!) it takes to produce safe, efficient, compliant piping design.

Again, there are lots of competing goals in pipe stress analysis. Every load and component strength in the system must be accounted for. Thankfully, stress analysis software can do those calculations quickly, accurately for an infinite variety of pipe layouts. Alternative loads, supports and pipe properties can be added with a few buttons clicks. Most software also has a library of pipe fittings, valves and flanges it can call on to auto-calculate the “strength” of those components according to the various piping codes.

