

Al Fahim Tech Cont._was established in 2006 and is one of the best known and reliable chilled water piping, BTU meter installation and chiller plant room installation service providers across UAE.

We understand the importance of delivering high quality engineering solutions that are both reliable and cost-effective. That is why we have assembled a team of experienced Engineers, Supervisors, technicians and support staff dedicated to providing exceptional service to every client. Our team works tirelessly to help our customers deploy the latest technologies and enable them to improve revenue, reduce operating costs and enhance customer service.

We have successfully handed over 500+ projects across UAE and 150+ projects dedicated to BTU meter installation. We are the approved contractors for Empower meter replacement services at various sites since 2020.

Our Vision: Creating new opportunities in energy management by delivering innovative and futuristic solutions

Our Mission: Commitment to energy conservation solutions through dedicated customer service and client satisfaction

Our services:-

- ❖ All kinds of Central A/C and Chilled Water Systems works
- ❖ All kinds of HVAC Works
- ❖ Supply and Installation of BTU meters for chilled water calculations
- ❖ Supply and installation of BTU Cabinet/Energy boxes for Empower
- ❖ Erection and General Maintenance Work

Our long time collaboration with Owners Associations groups throughout Dubai has led us to the discovery of them facing a great deal of pressure to provide savings on the energy costs that are associated with running a building. As a solution to assisting them in combatting the issue, we started focusing on the installation of BTU Meters.

BTU Meters are smart meters used to measure the thermal energy consumed and are used in chilled / hot water systems for both commercial and Residential buildings. These meters are

used to bill users on their actual energy usage. BTU meters are commonly used in buildings using central air-conditioning systems that rely on chilled water as the major form of cooling.

BTU meters have the ability to detect the temperature of both supply and return pipes in real-time. This helps to provide detailed information like instantaneous temperature, energy consumption, flow rate, and more. When used in multi-residential buildings, they can calculate the thermal consumption of each individual apartment.

For Owners Associations, this means that they can monitor the chilled water consumption of each individual unit and charge them accordingly instead of having to cover the entirety of the cost. For Residents this means they can track their unique energy consumption in real time, helping them to minimize their own costs

We have been assisting businesses, developers, governmental organizations and owners associations that have been unable to acquire direct billing services and are looking for a cost-effective and convenient solution. Our metering solutions include bulk metering to sub-metering applications.

Our expert team now have years of experience handling BTU meters, with a fleet of certified in-house technicians ready to assist in both the initial installation and ongoing maintenance.

We also have strategic partnership with leading meter suppliers like DIEHL metering, Kapstrup, ISTA, offering the latest technology.

Our Work Flow:

1. The building will be examined in order to determine if it is Feasible of having the system installed.
2. **Once installation is approved**, our team will assess the property and develop a design that will facilitate retrofit of the BTU meters.
3. The entire installation will be overseen by our Project Engineer with Meters either hard-wired or implemented using wireless system.
4. After installation, our certified technicians will be providing any maintenance needed, repairs or check-ups as and when necessary.

We have experience working in fully occupied buildings and can also offer solutions for properties that are either centrally cooled or have stand-alone chillers.

We pride ourselves on our ability to provide solutions that are tailored to the unique needs of each project. We commit to closely working with you to understand your needs and deliver solutions that are efficient, cost-effective and sustainable. We leverage the latest technology and tools to ensure that our solutions are of the highest quality and are delivered on time and within budget.

Contact:-

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