



## AECL Ensures Reliability of Products

**AECL** has engaged in developing and producing industrial instruments for many years. The company started ODM business with **Honeywell** Taiwan since 2007. Committed to core policies, AECL keeps working on developing state-of-the-art technology and product research to ensure the reliability of its products. BTU meter and calculator is applied to calculate the energy consumption in HVAC system. The value can be used for energy management or for billing system. The complete system includes one flow sensor, two PT 500 temperature sensors and the most important, one BTU meter and calculator. Another product, water leak alarm, is CE approved. The leakage detection works with detecting cable which can be flexibly adjusted as well as the sensitivity, according to application. It can be applied in various places such as computer room, server room, data



Water leak alarm

center, factory, office or the bottom of machines, etc. In addition to the alarm signal output, it provides simultaneously LED alarm indicator and siren for leakage warning. Not only can it be connected to intelligence building management system, but it can also be a stand-alone device. Furthermore, foreseeing the potential of environmental management, AECL has

started developing a series of temperature and humidity transmitters, energy meters and CO<sub>2</sub> transmitters, air quality display. AECL continues to stringent quality control to ensure the reliability of products. TUV ISO 9001 certification and CE certifications for the company's series of industrial products are guarantees to customers of quality and reliability. ■

## Titanium Pressure Reducing Valve Hits the Market

Z-Tide Titanium Pressure Reducing Valve from **Elite Line Industrial Corp.** is new in the valve market and suitable for desalination and off-shore systems. Similar to Titanium PRV in structure, SS316 Direct- Activated Pressure Reducing Valve with piston

design is more demanded for various applications including wastewater, sea water, potable water, chemicals, HVAC, food and beverage, oil and gas, pump station and steam. In addition, Z-Tide multi-function auto-control valves have block-mounted pilots without external

tubing that makes the valves easy to install and tamperproof. Compact light cylinder design and straight flow path inside the body give the valves 20 percent more capacity than competitive products. The large flow can reduce malfunctions caused by impure water and effectively decrease turbulence. Pressure drop capability of Z-Tide valves is 6 to 1 ratio without cavitation and this is unique in the industry where competitive products can handle only 3 to 1 or 4 to 1 ratio. Diaphragm type Water Hammer Arrester is another featured product of Z-Tide with patent. Unlike traditional piston type water hammer arrester, Z-Tide diaphragm type Water Hammer Arrester has airbag with ballpressing- type design which absorbs water hammer effect directly and quickly. Less friction and function progresses enable a longer life for the arrester. The company's new line, UL Listed Pressure Reducing Valve was approved by Middle East Fire Department in 2015. ■



Pressure reducing valve