**DDTOP UFZ Buoy Level Gauge**

**Reliable MTBE Unit Sewage Treatment Tank Level Measurement Local Display Instrument**

**RESULTS**

* Using professional design to solve the problem of high temperature and ultra-large-scale level measurement in the sewage treatment tank of MTBE unit;
* Better ensure that the device can operate stably.

**APPLICATION**

**Equipment：**Sewage Treatment Tank of MTBE Unit

**Medium**：High Temperature Sewage

**Medium Characteristics**：High temperature (≤200°C), super large range (20m≥h≥10m)

**CUSTOMER**

China National Petroleum Corporation Dalian Petrochemical Company

**CHALLENGE**

Methyl tert-butyl ether, abbreviated as MTBE, its melting point is -109 ° C and boiling point is 55.2 ° C. And it is a colorless, transparent, high octane liquid. It has an ether-like odor and is an ideal blending component for the production of lead-free, high-octane, oxygenated gasoline. MTBE as an unleaded gasoline additive has been used worldwide. The MTBE unit has equipment such as sewage treatment tanks at the end, and such equipment has a large measuring range and high temperature.

**SOLUTIONS**

* For corrosion problems of sulfides, corrosion resistance is solved by strictly complying with the NACE MR0103 industry standard in procurement and manufacturing;
* It can be used for ultra-large level (20m≥H≥10m);
* The buoy level gauge is simple in structure, visually intuitive, and easy to install and maintain.;
* Because of its simple structure and low cost, the buoy level gauge can reduce the purchase price risk.

**Dandong Top Electronics Instrument (Group) Co. Ltd.**

**Reliable Process Instrumentation and Automation Solution Provider**

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