**DDTOP TRG802X GUIDED WAVE RADAR LEVEL TRANSMITTER**

**Reliable Measurement of Liquid Level of**

**Underground Sewage Tank**

**RESULTS**

* Reliable solution to the fluctuation of the guided wave radar level gauge caused by excessive water accumulation in the underground sewage tank.

**CUSTOMER**

Dongying United Petrochemical Co., Ltd.

**CHALLENGE**

With the continuous enhancement of the scale strength of China's petroleum and petrochemical industry, it is now among the world's largest petrochemical countries. Especially in recent years, the introduction of large-scale petrochemical plant, the demand for oil storage tank is also increasing. Underground storage tank is one of the most common storage methods, more typical underground sewage tank. The pressure of this kind of storage tank is lower, generally normal pressure or micro-pressure, medium temperature is generally less than 150 ℃. The more obvious feature is that as the use of time increases, the bottom of the oil will gradually produce stagnant water, resulting in wave-guided radar level meter detected by the water caused fluctuations.

**SOLUTION**

According to the working condition characteristics of the field, the TRG8021 type coaxial guided wave radar level transmitter is selected by Bo, and the software algorithm increases the TBF (tank bottom tracking) technology, calculates the upper level of the oil level by measuring the bottom water signal, and ensures the stable measurement of the level.

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

**Reliable Process Instrumentation and Automation Solution Provider**

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