**DDTOP ULG-S** **Double Color Quartz Glass Tube level Gauge**

**Reliable Alkylation Unit Level Measurement**

**In-Situ Display Instrument**

**RESULTS**

* Using professional design to solve the problem of in-situ display of alkylation unit.
* Better ensure that the device can operate safely.

**APPLICATION**

**Equipment**：Alkylation Unit

**Medium**：Isobutane, Propylene, Butene

**Medium Characteristics**：Flammable, Explosive, Highly Corrosive

**CUSTOMER**

PetroChina Daqing Refining & Petrochemical Company

**CHALLENGE**

Alkylation is one of the processing processes in refinery gas，in the presence of a catalyst, isobutane and butene (or propylene, butene, pentene mixture) by alkylation reaction, The process of preparing gasoline components with high octane number. The reaction medium has the risk of explosion and explosion. The catalyst has the risk of spontaneous combustion. It reacts violently with water and releases a large amount of heat, which can easily cause fire and explosion.

**SOLUTIONS**

DDTOP’s ULG-S double color quartz glass tube level gauge through in-situ display，to solve the security concerns of the media:

* For the sulphide problem, strictly comply with the requirements of the NACE MR0103 industry standard in procurement and manufacturing;
* The level display is continuous, two-color imaging, visual reading, easy to observe;
* Compared with other types of level gauges, the price is low, saving equipment procurement costs;
* Low weight of the liquid level gauge,low load bearing requirements on the device, and little impact on equipment.

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

**Reliable Process Instrumentation and Automation Solution Provider**

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