**DDTOP TRG804X Radar Level Transmitter**

**Reliable Thermal Power Plant Desulfurization Unit**

**Level Measurement**

**RESULT**

* Reliably solve the measurement problems of high viscosity, large steam and the large level fluctuation of limestone slurry in thermal power plant desulfurization unit.

**APPLICATION**

**Equipment：**Thermal Power Plant Desulfurization Unit

**Medium**：Limestone Slurry

**Medium Characteristics**：High viscosity, big steam, stirring, large liquid level fluctuation.

**CUSTOMER**

Huaneng Yingkou Power Plant

**CHALLENGE**

With the continuous development of China's social economy, the number and scale of thermal power plants are also increasing. Although the economic benefits are significant, it is followed by the destruction of the ecological environment and air pollution. If effective measures are not taken in time to control the harmful gases emitted in production, it will pose a serious threat to human health and survival. The function of thermal power plant desulfurization unit is to reduce the concentration of sulfur dioxide emitted by the thermal power plant, improve the regional environmental quality, and reduce the pollution of the power plant to the atmosphere. The medium that needs to be measured by the level meter in the unit is limestone slurry, generally atmospheric pressure, the medium temperature is 50 °C~ 70°C, contains large steam, the medium viscosity is large, often installed stirring device , and the liquid surface fluctuates greatly. There is a high requirement for the measurement stability of the level meter.

**SOLUTIONS**

For the on-site working conditions, DDTOP chose TRG8042 type horn radar level transmitter, it has the following advantages:

* TRG8042 radar level transmitter is a non-contact radar level transmitter, and it is easy to install without contact with level;
* TRG8042 radar level transmitter is a low-frequency radar level transmitter with high penetration capability and is not affected by steam. It can be stably measured in medium with large liquid level fluctuations.

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

**Reliable Process Instrumentation and Automation Solution Provider**

**Sales and Service Contact**

**HQ Address: No. 10 Huanghai Street, Zhenxing District, Dandong, Liaoning,**

**China, 118000**

**Tel：+86-0415-6226466**

**Fax：+86-0415-6227341**

**Website: www.ddtop.com/en**

**Email: itrade@ddtoptrade.com**