

ABB wins the first Laser Level Transmitter for Thai Meiji Pharmaceutical

ABB in Thailand, Process Automation – Measurement & Analytics (PAMP) has won the first LLT 100 Laser Level Transmitter order from Thai Meiji Pharmaceutical Co., Ltd. (Thai Meiji) to upgrade its new manufacturing line of crystallization tanks with stirrer. Its manufacturing plant is located in Ladkrabang Industrial Estate, Bangkok.

Thai Meiji Pharmaceutical Company Limited is the first plant in Thailand to incorporate the entire manufacturing process, utilizing state-of-the-art Japanese technology in order to distribute its products to domestic and international markets. The company is committed for the supply of the quality pharmaceutical and veterinary products with the development of manufacturing technology.

The customer's requirement was to install a non-contact level measurement in a small crystallization tank with a stirrer. The challenges were the presence of stirrer and the narrow space of the tank which is a difficult application for level measurement using other technologies such as ultrasonic or open-path radar. The wide beams of ultrasonic and radar can interfere with the stirrer, side of the tank, or uneven liquid surface, affecting the accuracy of the measurement.



ABB's complete solutions simplify the whole process for the customer—LLT 100 Laser Level Transmitter generates small and narrow beam, unaffected by space and liquid surface. Therefore, it is the most suitable for the customer's application.

"Thai Meiji has been satisfied with ABB new application for laser level measurement. It is exactly what they were looking for. Besides, ABB's reliable after-sales service made us its first choice," said our dealer, T.G. Control Co., Ltd (TG Control).

The first order with 1 unit of the Laser Level Transmitter was delivered and installed in August, 2016. With the customer's satisfaction on ABB's product and service, the second order of 7 more units will be placed in 2017.

Working closely with ABB from the beginning enabled TG Control to offer a smarter solution in considerably less time, congratulations!

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Laser level transmitter LLT100

The LLT100 is a high performance laser transmitter that accurately measures level, distance and position over short and long ranges. It is a non-contact, level measuring instrument designed for industrial applications and harsh environments.

Overview

The LLT100 is specifically made for industrial applications and harsh environments. It provides continuous, non-contact level measurement capabilities for process automation and inventory management in industries such as mining, aggregates, oil and gas, chemicals, food and beverages, power, pulp and paper, pharma, and water and waste water.

Low cost of ownership

- No maintenance
- No calibration necessary
- Versatile level transmitter

Reliable

- Precise measurement of any solid or liquid surface
- Dust and fog penetration capabilities
- Explosion proof class 1 / division 1 (zone 1)

Convenient

- Fast and flexible installation
- Easy setup function
- 2 wire powered and HART communication

Fast delivery

- Less than 2 weeks from order to reception



For more information:

ABB Inc.
Industrial Automation
Level Measurement Products
Phone: +1 418-877-2944
Email: lasers@ca.abb.com

www.abb.com/level
www.abb.com/measurement