

Center level measurement at a stock house



The challenge

One of the biggest steel plants in India was looking for a solution to measure the center level at a stock house of a 4-story terrace unit. The measurement is very critical due to high dust content. In the past, the customer used ultrasonic level transmitter and 200kg scale, but the performance was not up to the expected level. They asked AMT for a solution in this difficult application.

Our solution

The first activity of AMT was that the steel company received a test sensor of the 700kg MFC002 high-frequency radar in the 40th version. We worked to convince these customers with facts, because the previous experience with ultrasonic and radar sensors was not good. Especially the high dust content had made the sensors so far. The MFC002 sensor was calibrated with the process parameters in the Quick Start menu. No further adjustments had to be made. The performance was very good and the sensor worked reliably and with high measuring accuracy. This convinced the customer and he began to use this sensor at other measuring points.



Products



MFC 0100

Constant measurement

- 700kg MFC002 Radar Level transmitter
- Suitable for use in areas of dust
- Two flange and adjustable flange option
- Measuring range up to 100m
- Connection to our user-friendly visualization systems Nivus 300/400 possible using a 20mA signal