

Levelflex M - FMP40

Measurement of sand 0–0,5mm in vertical cylindrical storage tanks with a height of 14m.

The FMP40 with 1 ½" thread is used for level measurement of sand 0-0,5mm in several vertical cylindrical tanks. The best solution in this case was the Levelflex due to safe and reliable measurement even with very dusty and difficult environment.

Company Profile

SVELVIKSAND AS was founded in 1917. There are 26 employees and a turn over in 2000 of 520.000 ton sand and shingle for about 5 Mio Euro. The company is owned by the family Stange.

SVELVIKSAND AS have two production places. One in Hurum and the other in Ringerike commune.

The main products is add on for beton, mortar and asphaltindustry. Beton industry means beton, beton elements, beton products or roofstones. Close to 95% of the production goes to the end products.

Application

Level measurement of sand 0-0,5mm in vertical cylindrical storage tanks with height 14m. The challenge here was the very dusty environment and to measure reliable during filling. Dielectric constant 2,7.

Delivery and Result

The FMP40 was delivered here because of safe and reliable measurement in very dusty and difficult environment. The capacitive measurement probes did fail in this application due to changing dielectric constant.

FMP40 is the reliable solution even in very dusty and difficult environment.

