

# Steel Production Plant - Interface (Sand/Water)

## The Challenge

A customer in the Czech Republic was looking for a reliable interface measurement in a turbulent water settlement basin. The problem is, that the water surface is not stable and there is some whirl from the inflow. The application is very abrasive and every year they need to make new vessel walls.

## Our Solution

The solution was the Nivobob NB3200 in tape version and a feel weight with 2,1kg. It is heavy enough to measure through the tubulent water surface end detect the sand. The electromechanic system has a 4-20mA signal or a modbus RTU interface to evaluate the sand level in this basin.



## Products



### NB 3200 Tape Version

#### Continuous Level Measurement

- Suitable for use in most bulk materials.
- Integrated tape cleaner to remove adherent materials.
- Mounting with threaded or flange connection.
- Measuring range up to 50m.
- Convenient level monitoring via Modbus interface together with cost competitive NivoTec 3500/4500.