

NB4200 in casting sand storage

The challenge

The customer required a content monitoring system to monitor the reclaimed and new sand with their process silos in a small foundry in the north of England.

They had experienced problems with running out of sand on a number of occasions causing the plant to shut down. The foundry had a strict health and safety procedure and would not allow workers to climb to the top of the silos daily to manually measure the levels.

Our solution

The Nivobob NB4200 was fitted to each silo and the output feed sent to panel with basic 4 digit 4-20mA displays. They were able to manually start the Nivobobs from the panel and keep a record of each silos contents.

The NB4200 successfully saved the customer time and money as they haven't run out of sand since the Nivobobs were fitted.

Products



NB 4200 Tape Version

Continuous Level Measurement

- Suitable for most bulk solids.
- Integrated tape cleaner to remove adherent materials.
- Mounting with threaded or flange connection.
- Measuring range up to 30m.
- Convenient level monitoring via 4-20mA signal together with Nivotec 3500.