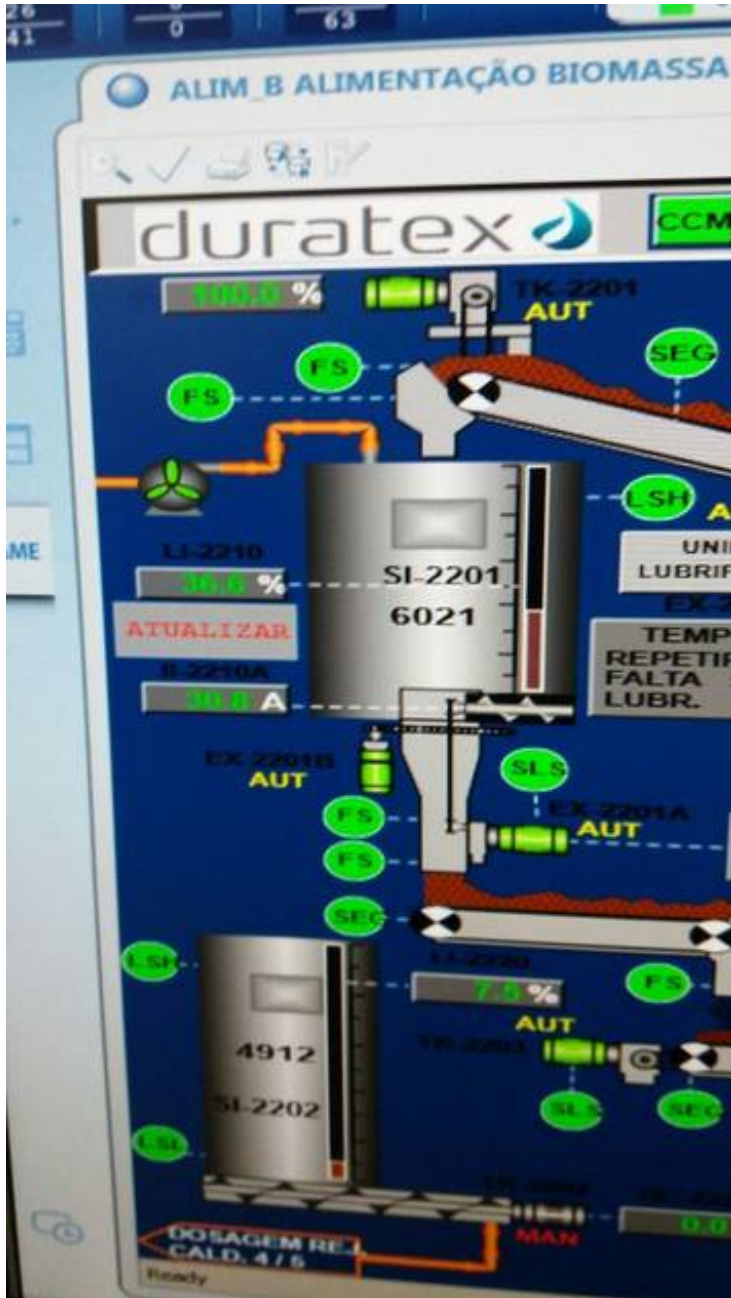


NB4 for wood chips in intermediate silo



The challenge

One of the world's largest manufacturers of wooden boards needs to control the content of wood chips in an intermediate silo with a height of 10m. Due to precision necessity the measure point is close to the screw conveyor, the environment is dusty and with condensation. Another aspect is that the measurements are made manually, the staff are put at risk.

Our solution

Our solution in this case was the Nivobob 4200 series with 15 meters measure tape and integrated tape cleaner able to works with very dusty environment. Due to the simple mechanical measurement principle it can works without any interference of condensation or from the process itself and has a trustable exact measurement point. This solution was installed in many silos in the plant and has also the personal risk reduced.



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.