

Humidity measurement of wood chips

Client:

Lime plant (Germany)

Product:

Wood chips

Material humidity:

8 - 12 %

Conveyor mechanism:

Discharge through screw and rotary conveyor

Installation location:

underneath the silo (with integrated stirring device)

What measuring process was used previously:

In the lab, using the weight change of the material and additionally with a hand measuring device

According to the client, the M-Sens system offers the following advantages over the formerly used methods:

- Continuous humidity measurement
- Simple commissioning (even by customer)
- More cost-effective than optical measuring procedures

Client benefits:

- Quality control of the incineration process, the lower the material humidity, the better the heating value of the wood chips
- Customer can determine from the humidity what quantity of wood chops need to be fed into the oven
- Quality control in the manufacturing process

