



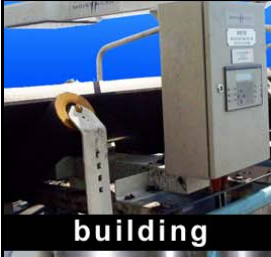
INDUSTRIES



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MEASURING MOISTURE IN ALUMINIUM HYDROXIDE

Application Note

SN: 06-033

Customer

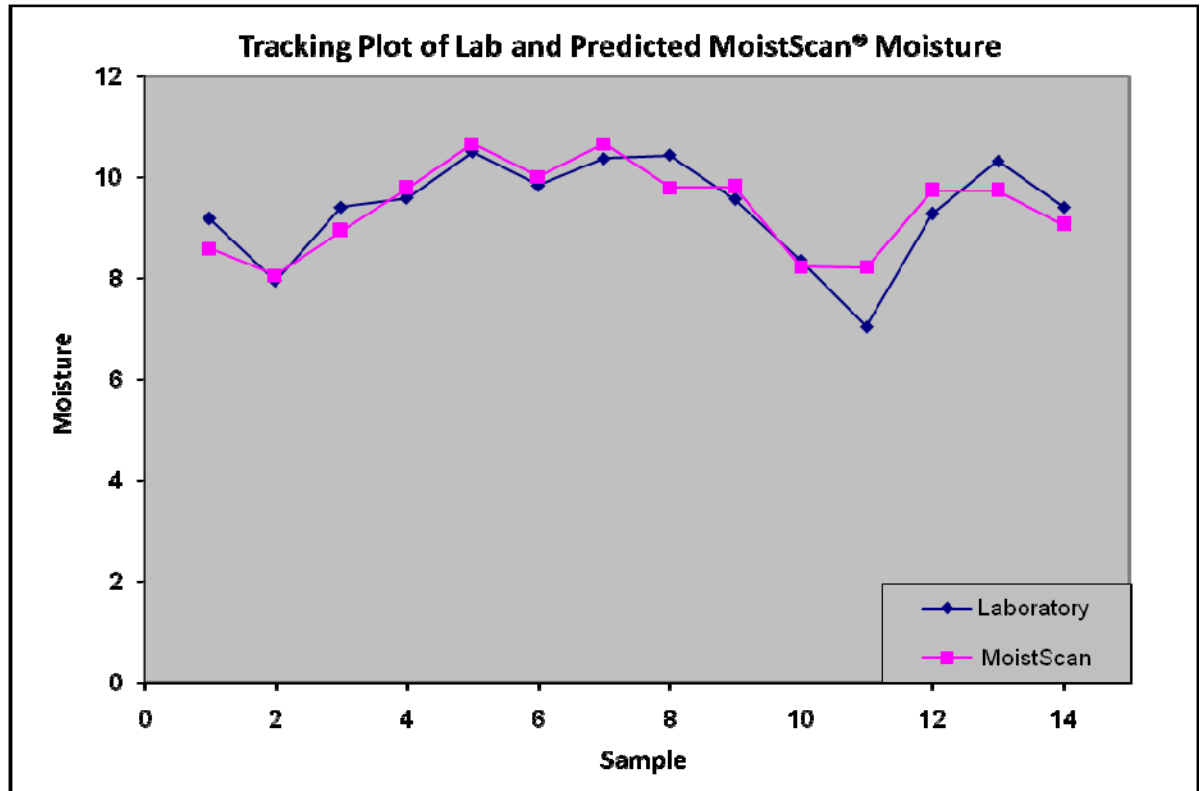
Our customer, based in China is a large alumina and primary aluminium producer.

Installation

A MoistScan[®] MA-500HD online moisture analyser is installed on a conveyor between the horizontal filters (which also inject steam through the filter cloth to dry the material) and the chutes feeding dryers.

Benefit

The MoistScan[®] analyser is used to measure the moisture content of the material which will feed the information back, enabling control of the dewatering process.



Application Summary

Material	Aluminium Hydroxide
Instrument	MA-500 Series II
Location	On Conveyor
Bed Depth	10 - 20mm
Particle Size	30 - 150mm

Moisture	7 - 12%
Belt Speed	1m/s
Temperature	~60°C
Precision	N/A
Use	Process automation and feed-back control