



MEASURING MOISTURE IN BACKFILL PASTE Application Note

SN: 06-041

Customer

The customer is a large gold mining company located in Australia.

Installation

A MoistScan® MA-500HD online microwave moisture analyser is installed on a conveyor leading from the vertical disc filters to a transfer point which leads to a cement mixer.

Benefit

The MoistScan® analyser is used to measure the moisture levels in the material, sending the information to the plant control system allowing for instant feed-forward control to adjust the amount of water and cement added to the material.



INDUSTRIES



mining



chemicals



building



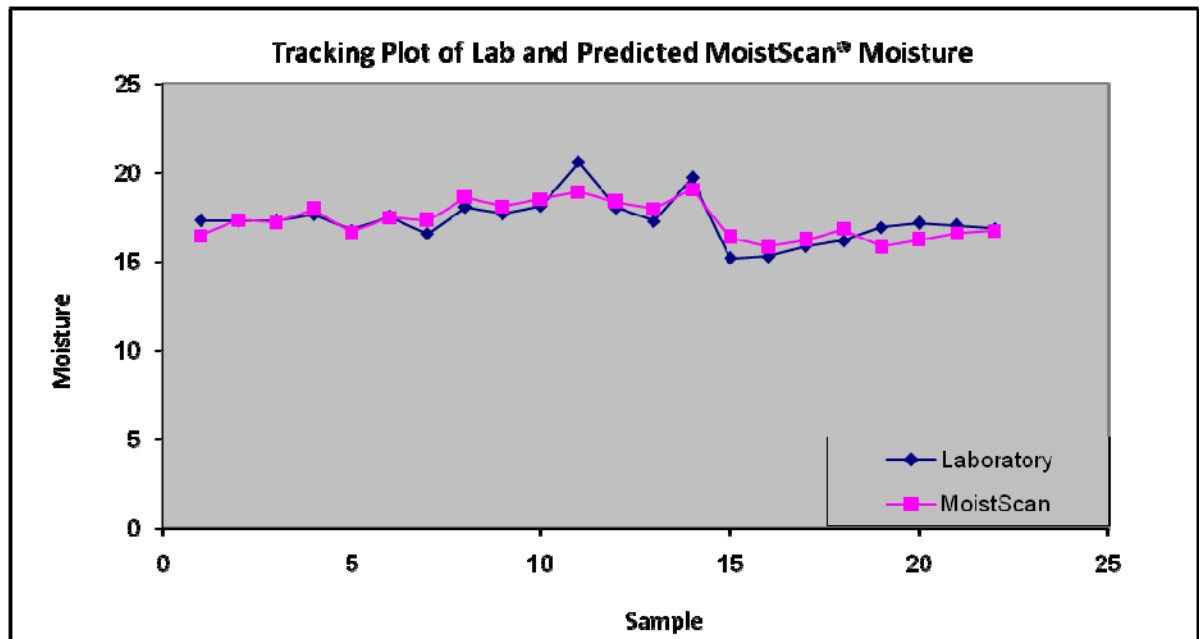
food



agriculture



bio fuels



Application Summary

Material	Backfill Paste
Instrument	MA-500HD Series 2
Location	On Conveyor
Bed Depth	50 - 150mm
Particle Size	N/A

Moisture	15 - 21%
Belt Speed	N/A
Temperature	Ambient
Precision	N/A
Use	Process automation and feed-forward control