

INDUSTRIES



mining



chemicals



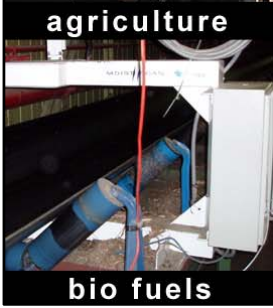
building



food



agriculture



bio fuels

CONTROLLING MOISTURE IN BRICK MANUFACTURING

Application Note

SN: 06-041

Customer

The customer, based in Australasia is a large manufacturer of pavers, bricks, building materials, facade systems and landscaping products.

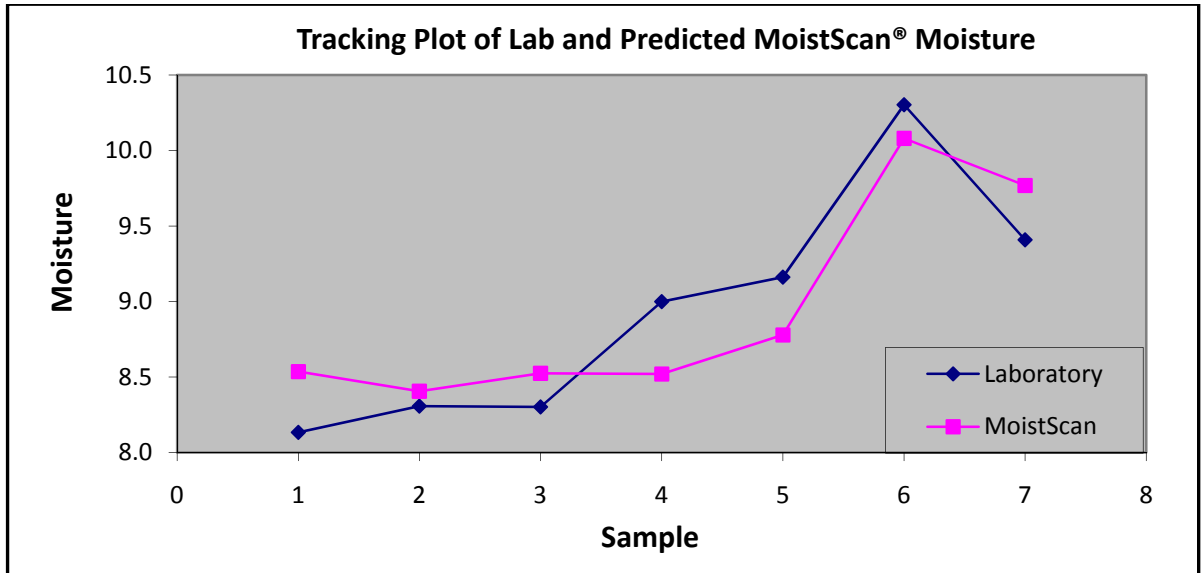
Installation

A MoistScan® MA-500 online microwave moisture analyser has been incorporated into a new brick extrusion line. The analyser is installed on the conveyor between the storage silo and the water sprayer lined chute.



Benefit

The MoistScan® analyser monitors the percentage moisture which controls the amount of water added to the product.



Application Summary

Material	Moulding Starch
Instrument	MoistScan® MA-500 II
Location	Screw conveyor
Bed Depth	N/A
Particle Size	N/A

Moisture	5 - 9%
Belt Speed	Approx 60 rpm
Temperature	26 - 33°C
Precision	N/A
Use	Moisture monitoring with a view to alarming