



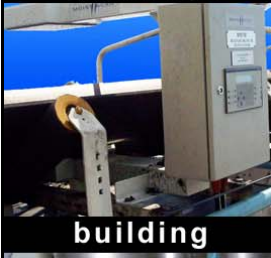
## INDUSTRIES



mining



chemicals



building



food



agriculture



bio fuels

## MEASURING MOISTURE IN FINE CLAY

## Application Note

SN: 07-003

### Customer

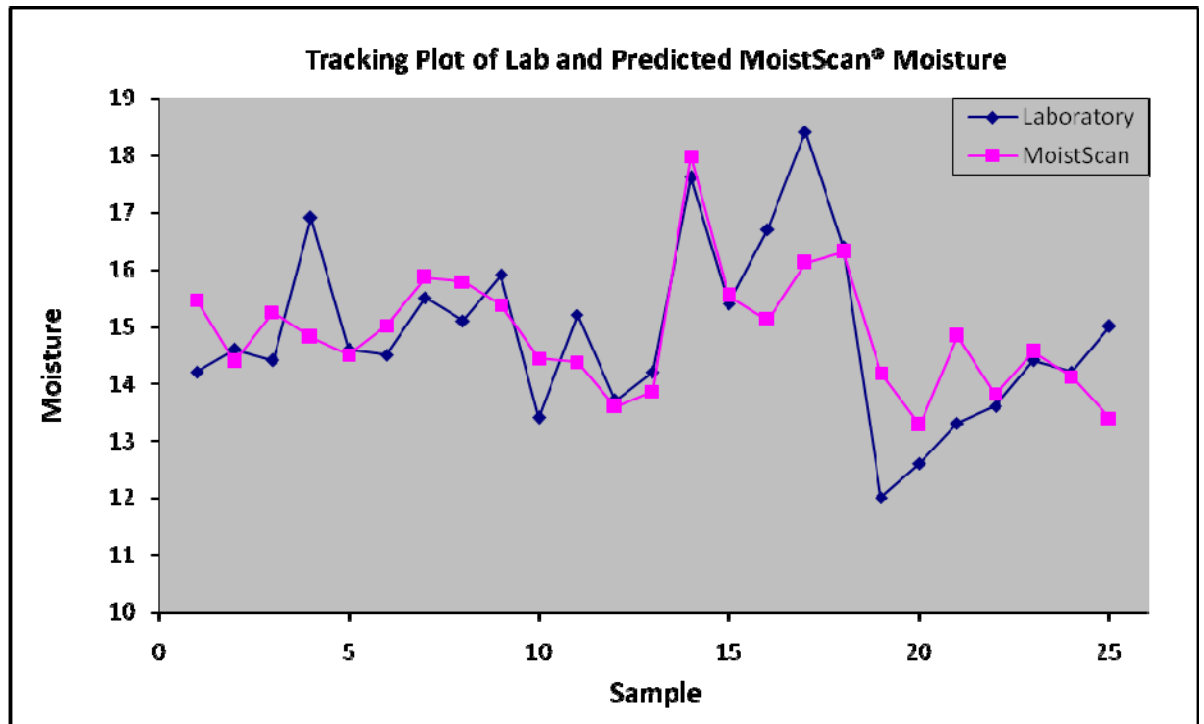
The customer, based in Australasia is a major brick manufacturer. The clay bricks and pavers are used for commercial and residential design and specification.

### Installation

Two MoistScan® MA-500 online microwave moisture analysers are installed on conveyor. One analyser is installed prior to the wet pan and the second is installed after the wet pan which is the major mixing and crushing point in the brick making process.

### Benefit

The MoistScan® is used to operate an automatic valve adjusting water addition based on the proximity of the outlet moisture to the required target moisture of the clay.



### Application Summary

|               |                     |
|---------------|---------------------|
| Material      | Fine Clay           |
| Instrument    | MA-500 MoistScan II |
| Location      | Belt Conveyor       |
| Bed Depth     | 30mm (min)          |
| Particle Size | 200mm               |

|             |                                 |
|-------------|---------------------------------|
| Moisture    | 12% - 18%                       |
| Belt Speed  | 1m/s                            |
| Temperature | ambient                         |
| Precision   | N/A                             |
| Use         | Moisture monitoring and control |