

INDUSTRIES



mining



chemicals



building



food



agriculture



bio fuels

MEASURING MOISTURE IN LEAD & ZINC

Application Note

SN: 07-014

Customer

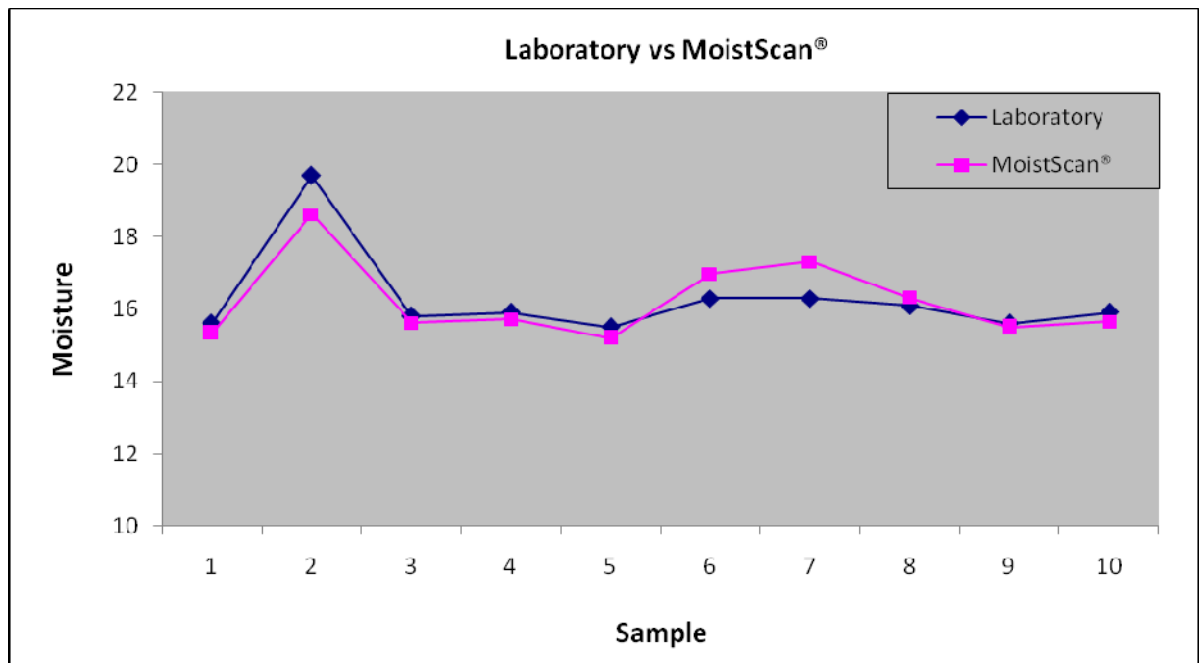
The customer, located in Australasia currently has several mining operations. They have a strong financial position enabling it to fund its growth ambitions through development of new projects and through potential acquisitions.

Installation

A MoistScan[®] MA-500HD online microwave moisture analyser has been installed on the conveyor which feeds directly by the reclaimer in the storage shed. Dried concentrate drops onto the conveyor which runs through the analyser, over a pair of belt scales, through a sampling station and directly loads the transport ship.

Benefit

The analyser is installed to measure the moisture of the coal being placed on ships which ensures the ships are not being overloaded.



Application Summary

| | |
|----------------------|--------------------------------------|
| Material | Dewatered Lead and Zinc Concentrates |
| Instrument | MA-500HD |
| Location | Conveyor belt |
| Bed Depth | N/A |
| Particle Size | N/A |

| | |
|--------------------|------------------------------------|
| Moisture | 7% - 14% |
| Belt Speed | 3.876m/s |
| Temperature | Ambient |
| Precision | Within Weight for Load min and max |
| Use | Moisture monitoring of a load out. |