

INDUSTRIES



mining



chemicals



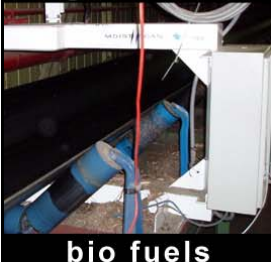
building



food



agriculture



bio fuels

MEASURING MOISTURE IN TAILINGS

Application Note

SN: 08-006

Customer

Our customer located in Australasia comprise of open-pit and underground mines, concentrator and associated site infrastructure, with a concentrate storage facility.

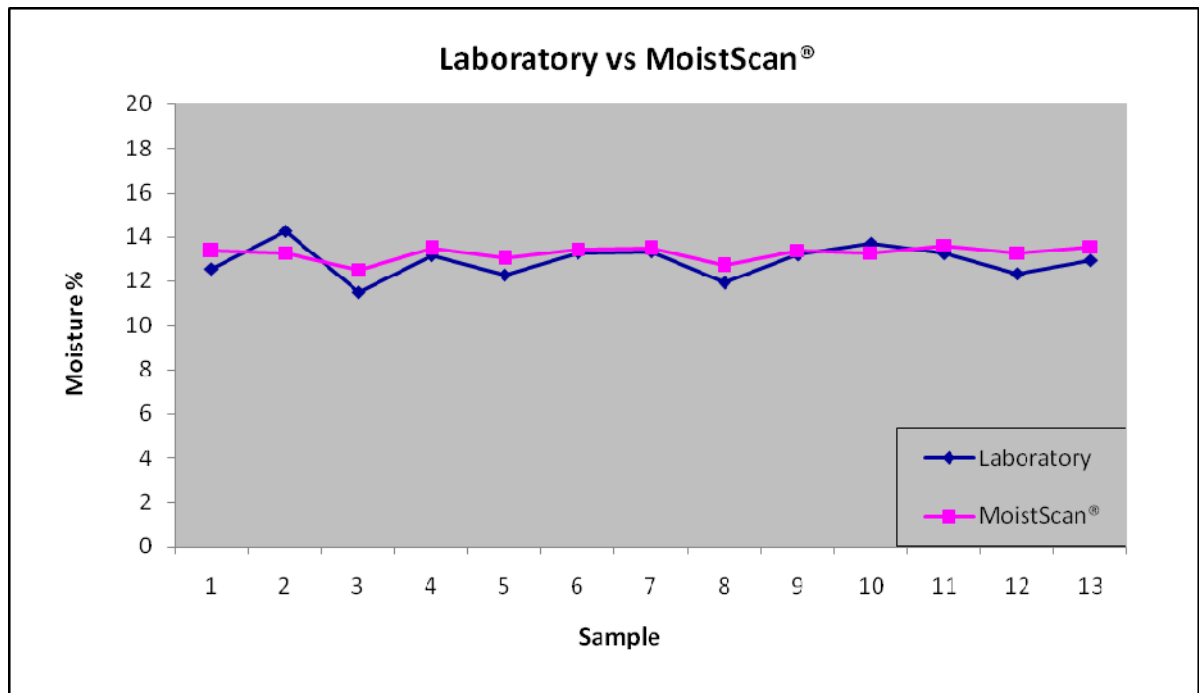
Installation

A MoistScan® MA-500HD online microwave moisture analyser has been installed on the output of the main belt filter of the plant which removes water from tailings material which is then to be used for cement back filling in their underground operation.



Benefit

The MoistScan® analyser is used to measure the real time moisture levels in the material to the plant control system which automatically alters the dewatering process to increase or slow the removal of water.



Application Summary

Material	Tailings
Instrument	MA-500HD Series 2
Location	On conveyor
Bed Depth	170 - 230mm
Particle Size	Fine

Moisture	13 - 15%
Belt Speed	N/A
Temperature	Ambient
Precision	N/A
Use	Process automation