



INDUSTRIES



mining



chemicals



building



food



agriculture



bio fuels

MEASURING MOISTURE IN COAL

Application Note

SN: 09-026

Customer

Our customer, located in Australasia manages a power station which produces electricity using pulverised coal-fired boilers and steam-driven turbo-generators.

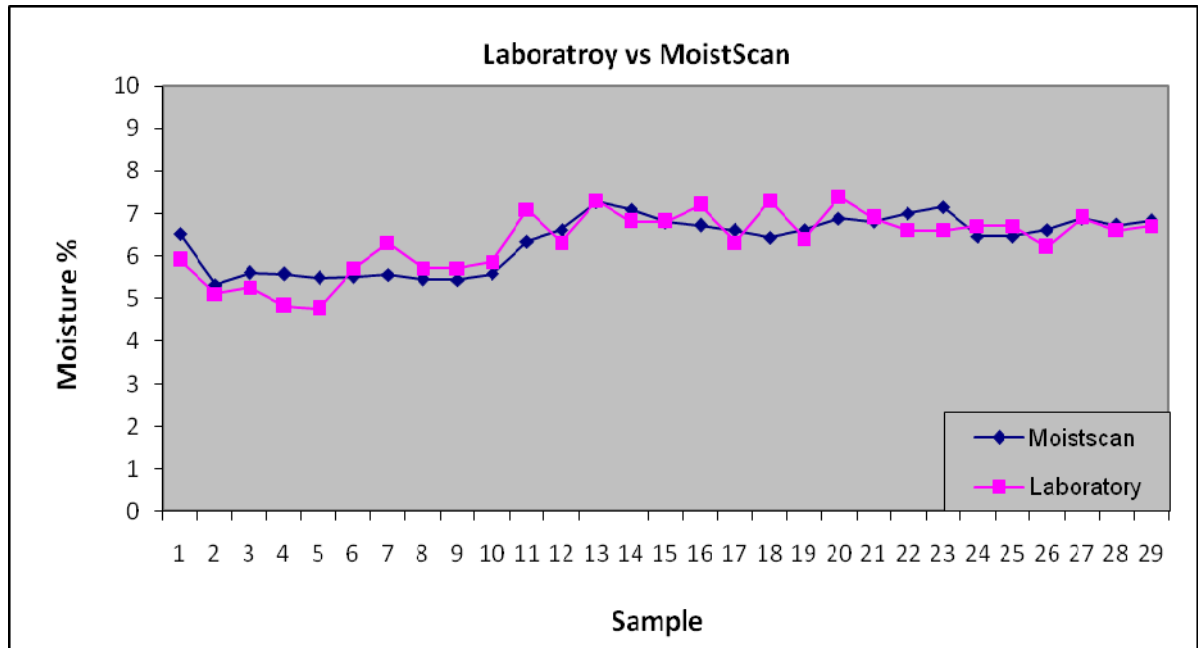
Installation

A MoistScan® MA-500HD online moisture analyser is installed on conveyor belt, shortly after the dump station where coal enters the site from surrounding mines.



Benefit

The benefit the MoistScan® provides is a constant real time moisture reading allowing the client to determine the price to be paid for the coal arriving on site.



Application Summary

Material	Coal
Instrument	MA-500HD
Location	On conveyor
Bed Depth	110 - 180mm
Particle Size	Average of 60-70mm

Moisture	4% – 7%
Belt Speed	N/A
Temperature	Ambient
Precision	N/A
Use	Determine moisture in material for cost analysis