



Application Note

SN: 05-004

MEASURING MOISTURE IN RECYCLED “GREEN BALLS” AND IRON ORE

Customer

Our customer based in Australasia produces approximately 1.2 million tonnes of raw steel each year. About 65% of that product is transferred by rail to market mills in billet form for further value-added processing. The balance of the steel is essentially converted to finished products in the rolling mill.

Installation

The MoistScan® MA-500 online microwave moisture analyser is installed on a conveyor running from the Pug Mill discharge up to the ball mill.

Benefit

Our customer is able to control and maintain the loop to adjust moisture addition in the pug mill.



INDUSTRIES



mining



chemicals



building



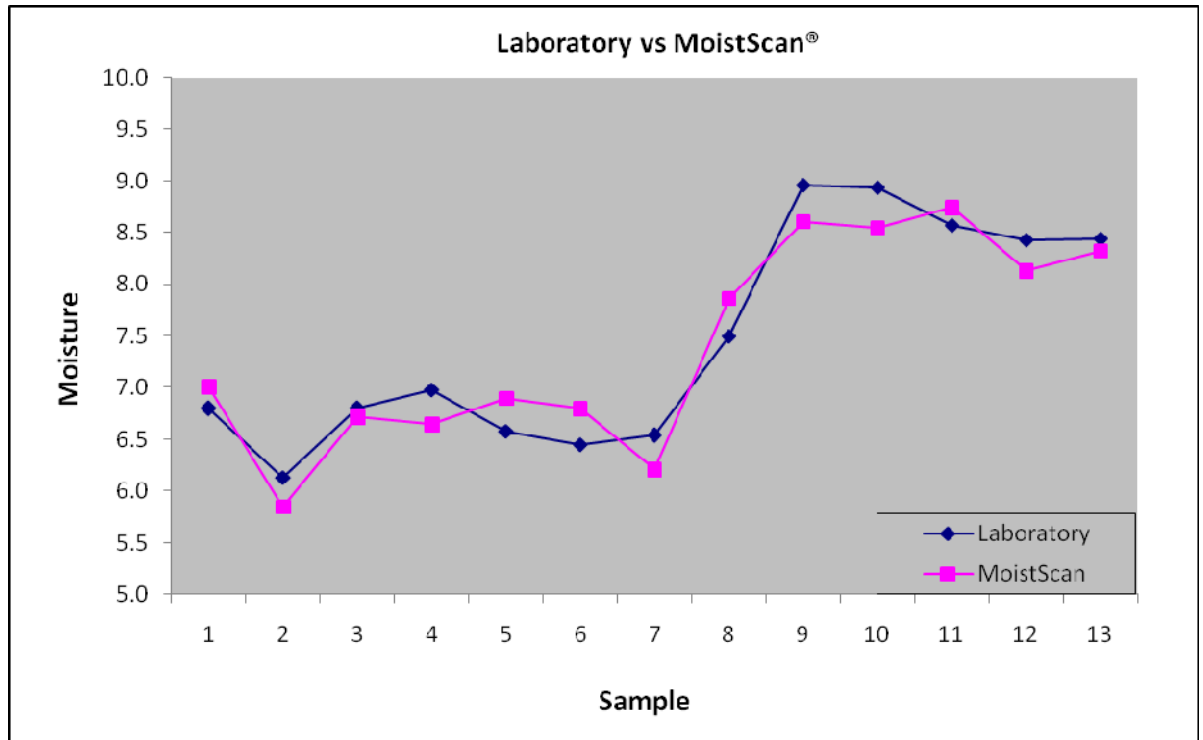
food



agriculture



bio fuels



Application Summary

Material	5% recycled “green balls” & 95% iron ore
Instrument	MA-500
Location	Conveyor Belt
Bed Depth	>350mm
Particle Size	N/A

Moisture	N/A
Belt Speed	N/A
Temperature	Ambient
Precision	N/A
Use	Process control and monitoring