



INDUSTRIES



mining



chemicals



building



food



agriculture



bio fuels

MEASURING MOISTURE IN COPPER CONCENTRATE

Application Note

SN: 07-048

Customer

Our customer, based in Iran is a copper mine responsible for extraction of mines, manufacturing of high-grade copper products and by-products, distribution and sale of such products.

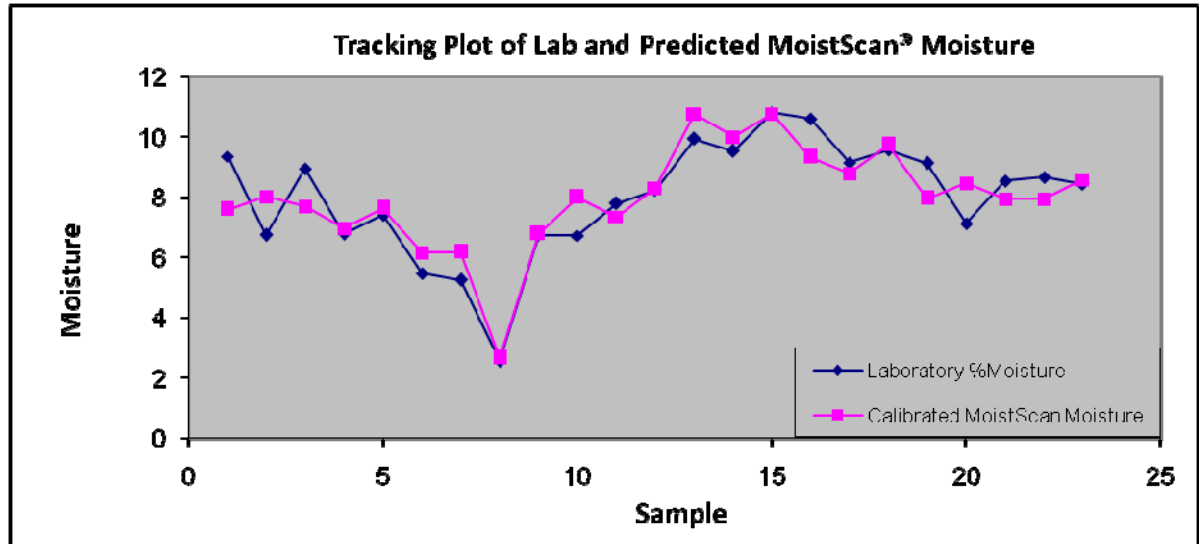
Installation

A MoistScan® MA-500HD online microwave moisture analyser is installed on a copper concentrate conveyor line at the output of the dryers and filter presses which is then fed to the smelter plant.



Benefit

The customer is able to measure the moisture content of the material continuously, allowing them to monitor the process.



Application Summary

Material	Copper Concentrate
Instrument	MA-500HD MoistScan®
Location	On conveyor belt
Bed Depth	Up to 150mm
Particle Size	Approx 5mm

Moisture	4 – 10%
Belt Speed	N/A
Temperature	Ambient
Precision	N/A
Use	Process monitoring