

**INDUSTRIES**



mining



chemicals



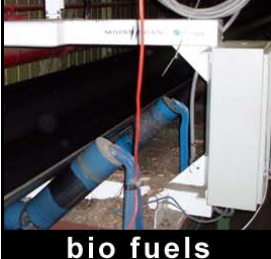
building



food



agriculture



bio fuels

**MEASURING MOISTURE IN SYNTHETIC RUTILE (titanium dioxide)**

Application Note

**Customer**

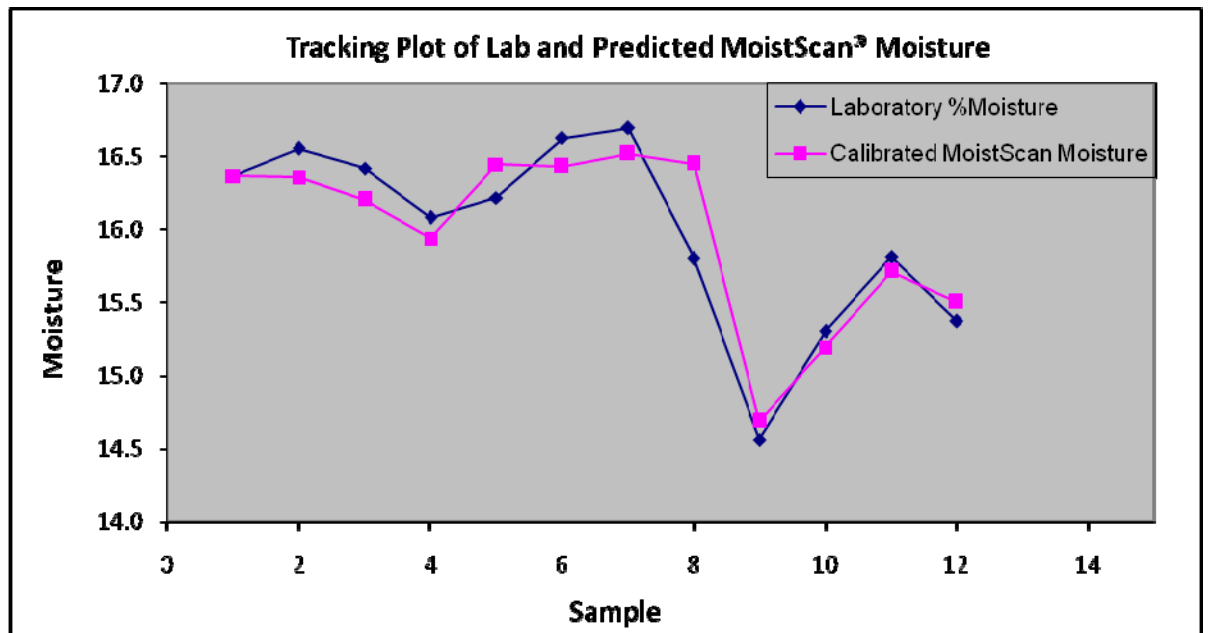
Our customer located in Australasia operates six sites and has established one of the most efficient operations in the industry.

**Installation**

A MoistScan® MA-600HD online moisture analyser is installed on the end of the horizontal belt filters after the acid leaching phase.

**Benefit**

The MoistScan® analyser gives a constant measurement of moisture reading from the synthetic rutile material. This enables automatic control of the process.



**Application Summary**

<b>Material</b>	Synthetic Rutile
<b>Instrument</b>	MA-600HD
<b>Location</b>	Horizontal Belt Filter
<b>Bed Depth</b>	Up to 150mm
<b>Particle Size</b>	≤1mm

<b>Moisture</b>	15% - 20%
<b>Belt Speed</b>	0.1 to 0.2m/s
<b>Temperature</b>	ambient
<b>Precision</b>	±1.0%
<b>Use</b>	Process Automation and Feed-Back Control