

**INDUSTRIES**



mining



chemicals



building



food



agriculture



bio fuels

**MEASURING MOISTURE IN SLAG**

**Application Note**

**Customer**

Our customer based on India has an existing annual crude steel capacity of 30 million tonnes. They are a diversified steel producer, with operations in 26 countries and commercial presence in over 50 countries.

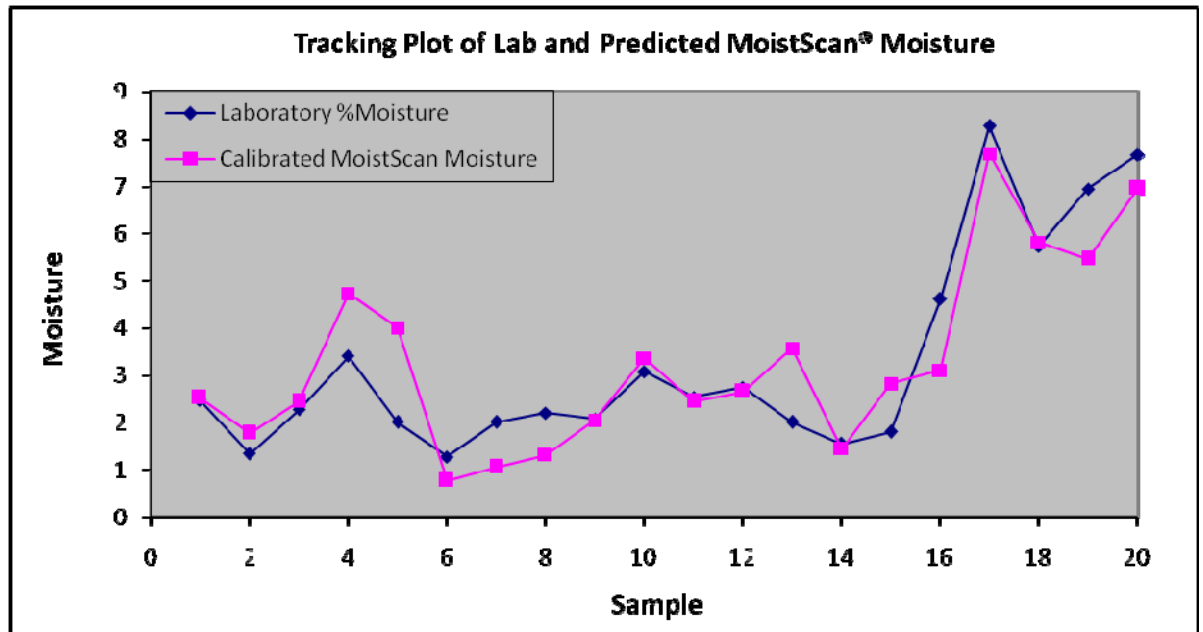
**Installation**

A MoistScan® MA-500 online microwave moisture analyser is installed on the conveyor belt that takes the material from the dryers to the silos for storage and sale.



**Benefit**

Our customer is able to incorporate real-time moisture analysis solution to provide them with the capacity to effectively control the performance of the dryers by adjusting the flow rate of the slag or the temperature of the drying gas.



**Application Summary**

<b>Material</b>	Granulated Slag
<b>Instrument</b>	MA-500 Series II
<b>Location</b>	Conveyor Belt
<b>Bed Depth</b>	3mm to 15mm
<b>Particle Size</b>	≤5mm - typically

<b>Moisture</b>	8% to 10%
<b>Belt Speed</b>	0.5 rpm
<b>Temperature</b>	40°C to 80°C
<b>Precision</b>	±0.5%
<b>Use</b>	Process automation and feedback Control