

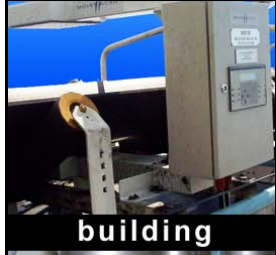
**INDUSTRIES**



mining



chemicals



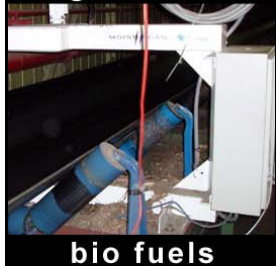
building



food



agriculture



bio fuels

**MEASURING MOISTURE IN HOG FUEL**

**Application Note**

**Customer**

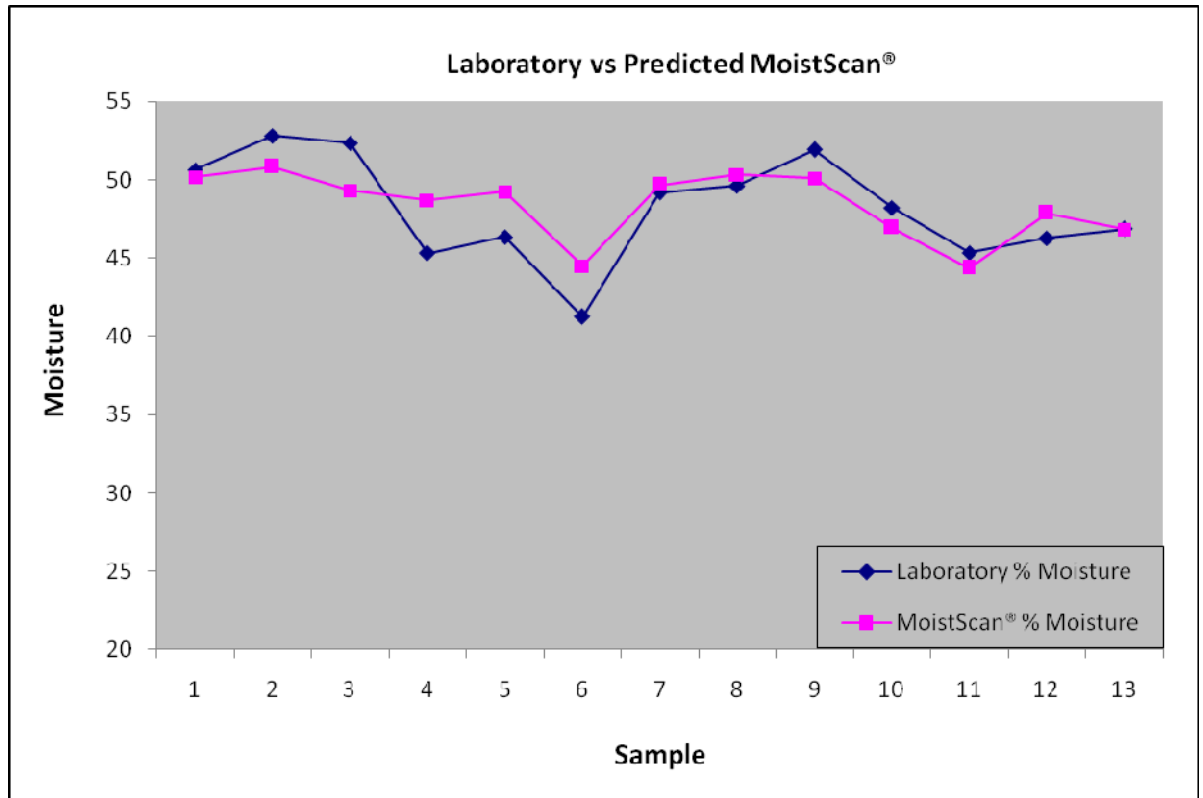
Our customer, located in Canada produces a broad range of forest products marketed in more than 90 countries around the world.

**Installation**

A MoistScan® MA-500HD online moisture analyser is installed on the conveyor carrying the material to a natural gas-assisted boiler unit.

**Benefit**

The MoistScan® analyser will provide an accurate prediction of the hog fuel's moisture which will determine the amount of natural gas to be released to ensure efficient and steady production of steam from the boiler, thus minimising energy and waste.



**Application Summary**

<b>Material</b>	Hog Fuel
<b>Instrument</b>	MA-500HD
<b>Location</b>	Conveyor Belt
<b>Bed Depth</b>	20mm to 450mm
<b>Particle Size</b>	≤1mm to 100mm

<b>Moisture</b>	40% - 60%
<b>Belt Speed</b>	1m/s
<b>Temperature</b>	-50°C to 30°C
<b>Precision</b>	±2.00%
<b>Use</b>	Process automation and feed-forward Control