MEASURING MOISTURE IN BITUMINOUS COAL

Customer
Our customer, located in the Philippines is a successful developer of new generation facilities, developing over 20 facilities on five continents.

Installation
A MoistScan® MA-500 online moisture analyser is installed after the stock pile at the top of the conveyor climbing 16 storeys just inside of the plant structure.

Benefit
The MoistScan® analyser is used to measure the moisture content of the coal continuously to reduce onsite sampling.

Application Summary

<table>
<thead>
<tr>
<th>Material</th>
<th>Bituminous Coal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instrument</td>
<td>MA-500 Series II</td>
</tr>
<tr>
<td>Location</td>
<td>On Conveyor</td>
</tr>
<tr>
<td>Bed Depth</td>
<td>250mm</td>
</tr>
<tr>
<td>Particle Size</td>
<td>N/A</td>
</tr>
<tr>
<td>Moisture</td>
<td>10 - 30%</td>
</tr>
<tr>
<td>Belt Speed</td>
<td>2.9m/s</td>
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<tr>
<td>Temperature</td>
<td>Ambient - 150°C in case of a coal fire</td>
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<tr>
<td>Precision</td>
<td>N/A</td>
</tr>
<tr>
<td>Use</td>
<td>Moisture monitoring and reduce onsite sampling requirements</td>
</tr>
</tbody>
</table>