Shanghai Prosperous Paper, Shanghai, China has successfully installed Pressductor PillowBlock load cells in their winders and calenders.

Shanghai Prosperous Paper’s winders and calenders are running with Pressductor PillowBlock load cells providing an accurate web tension measurement.

Introduction
Shanghai Prosperous Paper (SPP) has stayed with the ABB tension measurement systems since late 1990’s when the mill was built. SPP is very happy with the stable measurement performance of the reliable ABB Pressductor load cells. In general, ABB products have a good reputation and are very trustworthy, leading to a high mill availability.

"Now and then, on a regularly basis, we change the load cell positions with each other to see if the load cells have stable measurements and that they measure accurately. The results are excellent every time!"

What has been achieved?
We ask Mr Zou Pei Yong, Deputy Section Chief, Electricity/Instrument Section and Mr Sun Quanchang, Maintenance Engineer, who concordantly express their opinion about the ABB Pressductor load cell installations:

"ABB has good reputation on the market and we really trust ABB products, for example reliable Drives and Load Cells.

The ABB Pressductor load cells have very stable measurements and they are very robust and durable. We are very happy with the ABB tension electronics performance and one good example is that there is never any problems with zero-setting.

Now and then, on a regularly basis, we change the load cell positions with each other to see if the load cells have stable measurements and that they measure accurately. The results are excellent every time!

SPP is one of the best quality newsprint paper producers in China. There is a stable market for newsprint in China, but we are always working with new product development, one now being interleaving paper for steel plates.

In the wire section of the machine we are looking for a reliable alternative to today’s wire measurements. ABB load cells, single-side or double-side measurement, might be a good solution."
Supplied equipment
ABB Force Measurement has supplied Shanghai Prosperous Paper, Shanghai, China with, in total, 8 Pressductor PillowBlock Load Cells.

Facts on Shanghai Prosperous Paper, Shanghai, China

<table>
<thead>
<tr>
<th>Site</th>
<th>275,000 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>140,000 t/year</td>
</tr>
<tr>
<td>Production speed</td>
<td>1300 m/min</td>
</tr>
<tr>
<td>Market</td>
<td>Domestic, Eastern China 100%</td>
</tr>
<tr>
<td>Workforce</td>
<td>248</td>
</tr>
<tr>
<td>Products, brands</td>
<td>High-speed color printing newsprint</td>
</tr>
<tr>
<td>ABB load cells installed in winders and calenders</td>
<td>Pressductor PillowBlock Load cells, model PFTL 101A/101B</td>
</tr>
</tbody>
</table>

About Shanghai Prosperous Paper (SPP)
SPP is located in the Baoshan district of Shanghai City and owned by Potential Industries Inc (90%) and Shi-Dongkou Economic & Trading Co. (10%). It entered the Chinese newsprint market in 1998 and is known as the garden paper mill because 20 percent of its plant grounds are covered by green areas. Based on a business philosophy of “environmental protection, people-oriented”, the company operates a high-speed newsprint line with an annual capacity of 140,000 metric tons. It has been acknowledged as a leading technology enterprise by the Shanghai Government several times.

Contact us

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