

## Gao Sen Mill

### CP Solutions #1 & #9

The white water portion that is not recycled to pulp dilution is now directed towards a series of inclined screens (photo 20) where coarse fibres are removed. The screened white water is then pumped to two flotation basins (only one is shown in picture 21) in order to recover short fibres. This solution allows the mill to improve the quality of its treated effluent.



Photo 20: Inclined screens



Photo 21: White water flotation basin

## CP Solution #2



**Photo 22: Sand removal system**

The installation of more efficient sand removal systems at the inlet of each paper machine allowed the mill to enhance the quality of its finished products.

### **CP Solution #5**

The installation of steam pressure control valves as shown on photo 23 allowed the mill to increase the moisture content of the paper without affecting the quality of the finished products. Increasing the moisture content means that less fibres are used in the process.



**Photo 23: Steam pressure control valve**

### **CP Solutions #3 & #6**

Steam pipe insulation (see photo 23) combined to the installation of a more efficient coal feeder (photo 24) allowed the mill to reduce its coal consumption.



**Photo 24: Coal feeder**