

## Tiandu Mill

### CP Solutions 5 & 6

The mill was able to increase the straw charge per digester and to reduce the cooking time by injecting steams into its digesters. This solution allows to produce more fiber out of the same quantity of straw used. Photo 3 shows a steam line connected to a digester.



**Photo 3: Steam injection in digesters**

## CP Solution #9



**Photo 4: White water recycling pump**

Photo 4 shows the pump which recycles white water to the pulp dilution process. Before the implementation of this solution white water was collected into a tank (which frequently overflowed) before being recycled. The implementation of this solution allows the mill to recycle the totality of its white water.

## CP Solutions #15 & #16

The covered white water clarifier basin shown in photo 5 and the pulp consistency meter shown in photo 6 allowed the mill to reduce its water consumption.



**Photo 5: White water clarifier basin**



**Photo 6: Pulp consistency meter**