

## Air Conditioning System of the Modern Paper Mill

Ballarpur Industries Limited at Chandrapur, needed a suitable solution for air conditioning of the modern paper mill with guarantees of the parameters.



Aqua Chill extensively worked with the project team of BILT to understand, optimize and design the most appropriate system for the new mill. A Chilled Water based Air Conditioning System of 300 TR capacity was finalized. The entire HVAC system was designed, sourced, transported, installed and commissioned by us.

The primary and secondary chilled water pumping systems are sized to cater system flow and pressure. The condenser water pumps, cooling towers and water piping are designed and installed to provide flexible operation and energy savings.

We have timely executed the turnkey project in coordination with civil work progress and exceeded desired performance. We achieved estimated savings in annual steam consumption/annual electricity consumption. We have delivered systems with higher reliability, flexibility and convenience of operation compared to conventional/ earlier system design.

