



## Water treatment plant Yangtze

Application Field: Water treatment  
Place: Shanghai, China  
Date: March 2009 - November 2011  
Products: 6 x VAG EKN® Butterfly Valves DN 900 PN 10

### Project description:

At the beginning of March 2009, the renovation project took place in the first pump station of the Yangtze raw water treatment plant, which is part of Shanghai Chengtong Raw Water Co., Ltd.

The original butterfly valves and electric actuators were replaced by new VAG EKN® Butterfly Valves and VAG HYsec Hydraulic Brake and Lift Units.

The water treated in the plant contains a lot of impurities, so that using external pressure to close the valve would not be effective. This is why the customer decided to choose the VAG EKN® Butterfly Valve with HYsec, which means that the valves can be closed within 10 seconds.

The Yangtze raw water treatment plant total water supply capacity is about 1.8 million m<sup>3</sup> per day.



VAG EKN® Butterfly Valve +  
VAG HYsec hydraulic brake and lift unit



Pumping station