

## **Plinke DNT Spent Acid Recycling Plant delivered to BorsodChem Rt. (Hungary) in commercial operation**

In August 1999 BorsodChem Rt. awarded to Plinke GmbH the contract for a treatment plant to recover spent acids from the DNT production, which is part of the TDI Complex at BC's Kazincbarcika Site, Hungary.

Spent acid from the nitration process is denitrated and re-concentrated. Yellow water from DNT washing is treated and recycled. The  $\text{NO}_x$  gases from nitration process and the acid treatment are purified by Plinke's pressure absorption whereby the  $\text{NO}_x$  is recovered as weak nitric acid, which is recycled to the nitration process.

Plinke's scope has been basic and detail engineering, supply of equipment as well as supervision of erection and commissioning.

The erection has been completed in 2001. Then the plant has been commissioned in several steps in coordination with the commissioning of the other plants of the TDI complex.

Wi, 2002-03-15

