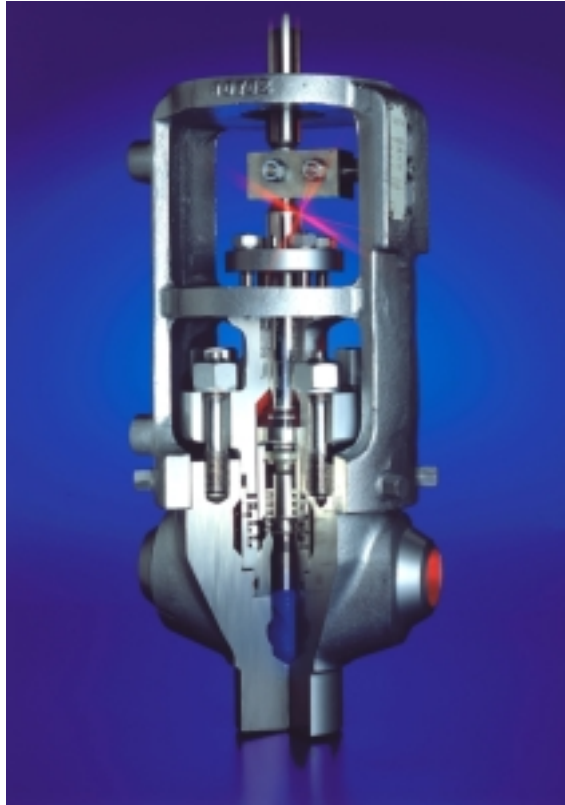


## GESTRA Control Valves ZK with Radial Stage Nozzle Overcome Problems Encountered in Power Stations



The power station Scholven-Preußen Elektra in Gelsenkirchen has retrofitted four 350 MW power units with 32 GESTRA spray injection valves type ZK. This step has become necessary as the installed valves produced by other manufacturers were difficult to repair and exhibited inadequate tightness values at their characteristic curves.

Since then the installation has been running smoothly.

The first four GESTRA spray injection valves type ZK were installed in 1997 as part of the power station inspection scheme, the 28 remaining valves were installed in 1998.

### Operating conditions:

p 243-273 bar, t 260°C

$\Delta p$  18-56 bar

Capacity 3-30 t/h

Thanks to these excellent results the prospects are good that approx. 40 warm-up and drain valves installed in the power station Scholven will be replaced by GESTRA's highly wear-resistant valves ZK with radial stage nozzle.

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**GESTRA - The Steam Experts**

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**Interested?** Please contact Mr Franz Rysavy, GESTRA GmbH, Marketing,  
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GESTRA is a global leader in the design and production of valves and control systems for heat and process fluid control. Being a member of the Invensys group, we are capable of offering our customers complete and intelligent solutions engineered to function with maximum reliability.

Our products and services have many practical applications and are employed where

- steam is generated, distributed or used
- fluids flow
- energy saving is possible
- environmental protection and safety-oriented control systems are needed..

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