

CASE HISTORY 11

GAS DEFICIENCY SAFETY VALVE, ND 3000 MM DIA., DVGW approved, for the Mittelsbühren powerstation

June 2001

RAUMAG-JANICH Systemtechnik GmbH

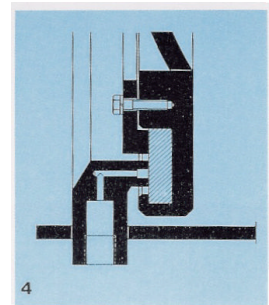
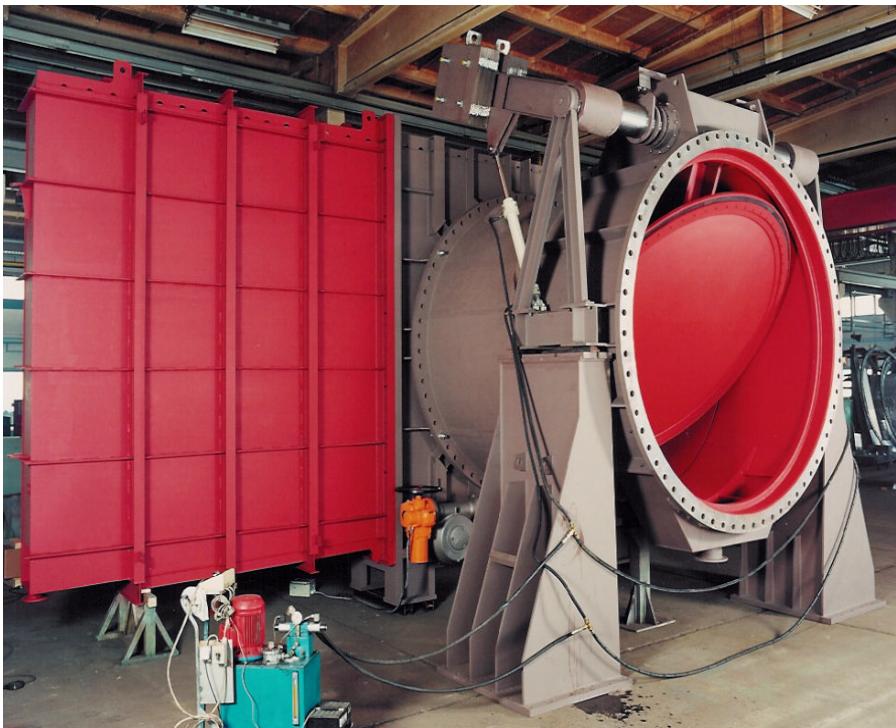
RAUMAG – JANICH secured an order from **ALSTOM POWER BOILER**, Stuttgart for the supply of all shut –off and modulation dampers required for the blastfurnace gas fired boiler unit 4 of the **Mittelsbühren powerstation** at Bremen.

Included in this order was a gas deficiency safety valve, ND 3000 mm dia. It is made up of a toggle disc valve with hydraulic actuator for valve opening and two counterweight arrangements, by means of which the valves closes within 5 seconds, in the event of a power failure or a loss of pressure in the gas supply main.

The hydraulic actuator is equipped with a Siemens SP control system.

In “ closed “ position, the sealing element fitted to the valve disc is brought into tight contact with a double landing bar in the casing. The cavity created in this position is pressurized by nitrogen.

The complete device has been DVWG approved.



Picture above :
Double landing bar
with valve disc and
sealing element.

Picture on the left :
Toggle disc valve,
ND 3000 mm dia.,
fitted to goggle valve
during acceptance
tests at the
Rauenstein works.

RAUMAG-JANICH Systemtechnik GmbH

Im Grund 6
D-96258 Rauenstein

Ennigerloher Straße 16
D-59269 Beckum

Telefon: 036766 / 881-0
Fax: 036766 / 81032
E-Mail: info@raumag-janich.de

<http://www.raumag-janich.de>

Perfect technique, Quality and Security

