CASE HISTORY 13

BURNER SAFETY VALVES, DVGW approved, for the Mittelsbühren powerstation

April 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.

As burner safety valves, eight toggle disc valves, ND 1300 mm dia., were required.

The valves are opened pneumatically and, in the event of an operational fault or a power failure, they are closed trough counterweights within 2,5 seconds.

In the "closed" position, the sealing element fitted to the valve disc is brought into tight contact with the double landing bar in the casing. The valve tightness is checked by monitoring the pressure of the nitrogen sealing medium.

All valves have been individually DVWG approved.



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

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