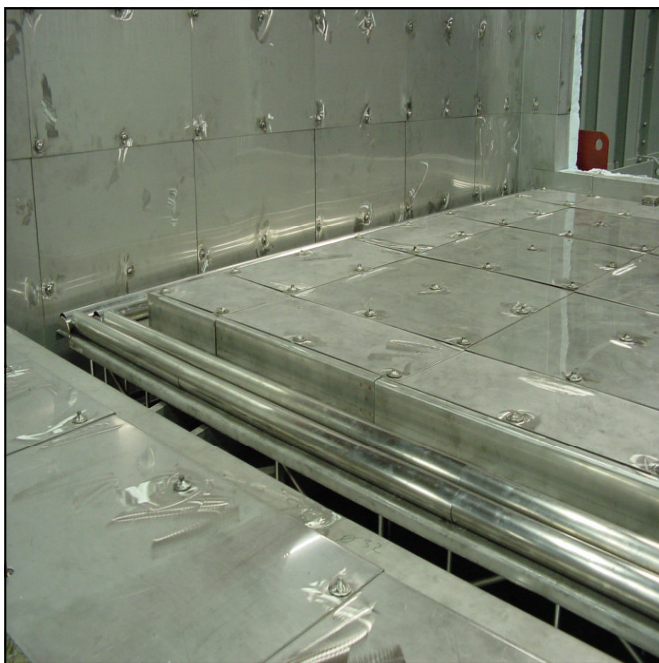


4 DIVERTERS, ND 3462 x 3462 mm, for Diesel – Generator powerstation in Turkey

December 2001

RAUMAG - JANICH Systemtechnik GmbH

Fabrication at the RAUMAG – JANICH works now certified to ISO 9001



RAUMAG – JANICH secured an order from BARMEK GAMMA for the design and supply of all flue gas dampers required for the Kirikale Diesel – generator powerstation in Turkey. This included eight 4 – way dampers, ND 2500 mm dia., thirteen tandem dampers, ND 1300 mm dia. and four diverter dampers, ND 3462 x 3462 mm with internal insulation. The patented, lattice structure reinforced blade was incorporated into the damper design because heat distortions resulting from high as well as rapidly fluctuating temperatures are thus prevented. The picture above depicts the blade with its stainless steel glazed thermal insulation and, along its periphery, the patented, double seals of the NICRO-FLEX – HIPERFORM type, whose main features are its great resilience and its stability in the face of high velocity gas flow during modulating service.

Please refer also to our publication
“ **TECHNOLOGY 4** “



Our on site services – security for our customers



For transportation purposes the diverter was split into several sections. Reassembly on site was carried out under our supervision hand in hand with the customers project management team.

The diverter is equipped with a circular flange connection and directly joined to the stack. Therefore, a special design solution had to be adopted for the internal toggle lever system.

Site assembly of the sections under the supervision of RAUMAG – JANICH, in conjunction with the customer.

After assembly the diverter was fitted into its position in the system. Following that, cold running and tightness tests were carried out, before final commissioning of the whole plant took place. With seal air, a 100 % gastight isolation was achieved.

The 4 – way dampers as well as the tandem dampers which were part of the same order have been described in our publication “ **case history 17** “



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](mailto:info@raumag-janich.de)

[http://www. raumag-janich. de](http://www.raumag-janich.de)

Perfect technique, quality and security

