GESTRA today MARKETING INFORMATION ...EVERY DAY BETTER

Issue 1.2000

Centralized Drainage Control for Two Hamburg-Based Power Plants

The two power plants Neuhof and Rugenbergerdamm in Hamburg have been connected by a 1800 m steam line (DN 450, pressure: 40 bar, temperature: 420 °C) to feed and support the steam and district heating system.

At the start-up of the installation the controlled drainage system makes sure that the two low points on the line are kept free of condensate.

The GESTRA level probe type NRG 211 **(Fig. 1)**, installed in a drain pot DN 200, length 1000 mm, senses the condensate level and operates the GESTRA drain valve ZK 29, DN 50 **(Fig. 2)**.

The condensate is directed to the GESTRA condensate receiver tanks and then returned to the power plants.

After draining the installation, controlled warming-up is effected, e. g. from 16 bar, ts, to superheating temperature by means of GESTRA warm-up valve ZK 29, DN 80 acc. to the thermal gradients.

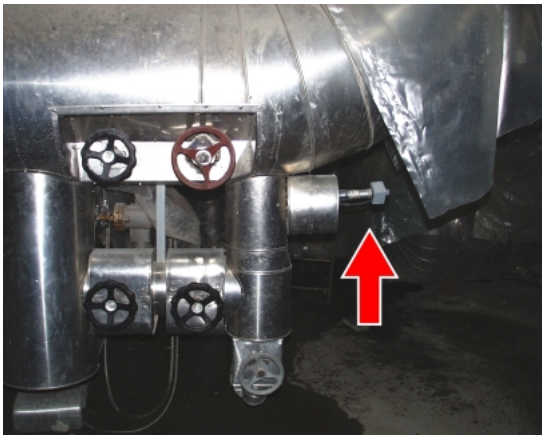

Fig.1

Fig. 2

GESTRA - the Steam Experts

Interested? Please contact Mr. Franz Rysavy, GESTRA GmbH, Marketing,
Tel.+49 421 3503-428 mailto:frysavy@gestra.de

invensys
Flow Control

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.

Visit us at **http://www.gestra.de** or
click to connect: gestra.today@gestra.de when you

- want to subscribe to the e-mail distribution list
- know someone who wants to subscribe to the e-mail distribution list
- want to unsubscribe from the distribution list
- want to submit an article
- have any questions

Please state whether you want an English or German version.