

Type Examination Now Also for Conductivity and Oil & Turbidity Measurement

In the past, the lack of type examinations for the above systems was frequently the cause of discussion with plant manufacturers, operators and technical experts. One example is 72-hour operation according to TRD 604. Here the codes demanded a system with reliability verified by a type approval. But the absence of test requirements, e.g. Water Level 100, Pressure 100 etc., stood in the way of a type examination. Up until now, the solution has been to use known systems with a reference to their proven quality.

After publication of the draft of the VdTÜV bulletin "Water Monitoring 100" dated October 2001, GESTRA subjected the relevant systems to the TÜV type approval process, completing it successfully. Owing to the diversity of the various requirements in water monitoring, the VdTÜV bulletin is subdivided into the areas of water hardness, water conductivity and foreign matter (oils/greases). The application area of a system is already documented in the approval number,

where: WÜH = water hardness WÜL = water conductivity WÜF = foreign matter

The newly approved systems are distinguished by a measurement accuracy better than 5 %, automatic temperature compensation (WÜL) and a digital display of actual values.

Within the scope of approval or commissioning examinations, we have been registering an increased demand for TÜV-approved systems for several months now. Only such equipment represents the current "state of the art", giving the operator the certainty of using a reliable and future-proof system.

Another decisive step towards enhanced plant safety and reduced downtime.



GESTRA - the steam experts

Interested?

Ask our Mr. Wolfgang Behnken, GESTRA GmbH, Product Management,
Tel. +49 421 3503-444 <mailto:wbehnken@flowserve.com>

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 Flowserve Corporation, 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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