

BRUGG-STAMANT® Safety Pipe

Monitored double walled rigid pipe system
for the transport of all hazardous liquids

General type approval
Z-38.4-207



BRUGG-STAMANT® Safety Pipe

- manufactured at our works in standard construction units
- a double pipe system for nominal bores up to DN 800
- for the transport of water-hazardous and flammable fluids
- approved as leak detection system

General approval from the supervisory authority for construction works

- Due to this general approval from the supervisory authority for construction works, there is no need for a test for the certificate of compliance with the requirements of water law and type approval according to § 19h of the Water Resources Protection Law (WHG).
- The requirements under other laws such as the 11th Ordinance pursuant to the Device Safety Act – Ordinance on Explosion Prevention (Gerätesicherheitsgesetz – Explosionsschutzverordnung) – and the ordinances pursuant to §18 of the Labour Protection Law (Arbeitsschutzgesetz – Betriebssicherheitsverordnung), are not affected by this.
- And the requirements of European regulations on leak detection systems Class 1 are also fulfilled.

This means that no checks to ascertain compliance with the regulations by the responsible authority are needed.

Choosing a project system covered by a system approval simplifies:

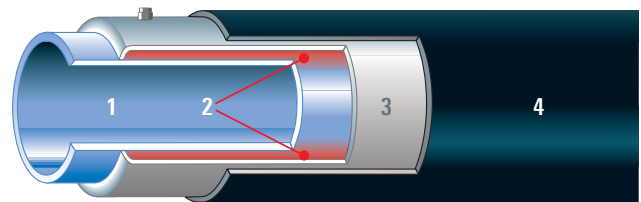
- project design and planning
- the technical construction of the safety piping
- compliance with construction regulations
- the design of the leak detection devices
- approval and acceptance
- commissioning for service
- regular tests

Unloading the prefabricated, pre-tested construction units.



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Design of the BRUGG-STAMANT® Safety Pipe

- | | |
|----------------------|----------------------|
| 1 inner pipe | 3 outer pipe |
| 2 surveillance space | 4 corrosion-proofing |

Security for your planning

In this way you have a reliable basis for:

- planning project offers
- processing orders
- fixing the construction time needed
- planning testing schedules and approval procedures
- reducing risks

That way, you can be sure that no changes will be necessary between project planning and implementation.

Prefabrication and quality standards

You can be sure that high standards of quality will be ensured through:

- construction units prefabricated and pre-tested at our works
- preliminary testing, constructional strength and pressure tests according to TRbF 131/231 and 620 among others
- material, weld seams
- design, tightness test
- performance quality of corrosion-proofing
- test of static strength of a double-walled system
- test to ensure takeup of longitudinal expansion due to temperature influences



Prefabricating complex construction units at our works reduces the time and effort needed for installation, testing and building work on the site, and means higher safety compared with assembly on site.