

Product Information

April 2021

The valves from AS-Schneider are already certified according to the new TA-Luft:

All leakage safety requirements met

Nordheim (Germany) – 01. April, 2021 – Manufacturers and users of industrial valves are looking forward to the new version of the TA-Luft announced for 2021. Among other things, it contains changes in the test process for the leakage safety of valves. AS-Schneider already meets these new requirements with its E Series, which means that the valves are not only very safe, but also available at short notice.

Since 1964, the "Technical Instructions on Air Quality Control" or TA-Luft for short, has been the standard in Germany for determining and calculating air pollutants in installations that require a permit. Now part of the Federal Immission Control Act, it serves to protect the general public and the neighbourhood as well as to prevent harmful environmental effects caused by air pollution. In the valve industry, the TA-Luft is mainly known in connection with particularly tight and high-quality valves.

A revised version of the TA-Luft is expected for 2021. A corresponding cabinet draft is already available and only needs to be passed by the Bundesrat. Changes concern, among other things, the test process for industrial valves: Whereas manufacturers previously had to prove the tightness of their products only at room temperature, low temperature and elevated temperature, they now have to do so for several, precisely specified thermal cycles. If leakages occurred in the past during the cooling phase after an increased temperature, some manufacturers took advantage of a loophole in VDI 2440 and omitted this phase from their test process. This will now change in order to guarantee users a verifiable and comparable tightness of the valves under all operating conditions.

The E Series covers a wide range of applications

At AS-Schneider, the specialist for industrial valves, this test process has already been the standard for ten years. The valves of the company from Nordheim in Baden-Württemberg therefore already meet the requirements of the new TA-Luft and in some cases even in the highest tightness class A and the highest endurance class CO3 at 420 bar test

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pressure. AS-Schneider offers a comprehensive portfolio with its E-Series, which also covers a temperature range from -50 to +400 degrees Celsius and nominal pressures up to 250 bar. The manufacturer carries out the tests on an in-house test station and has them monitored by TÜV Süd.

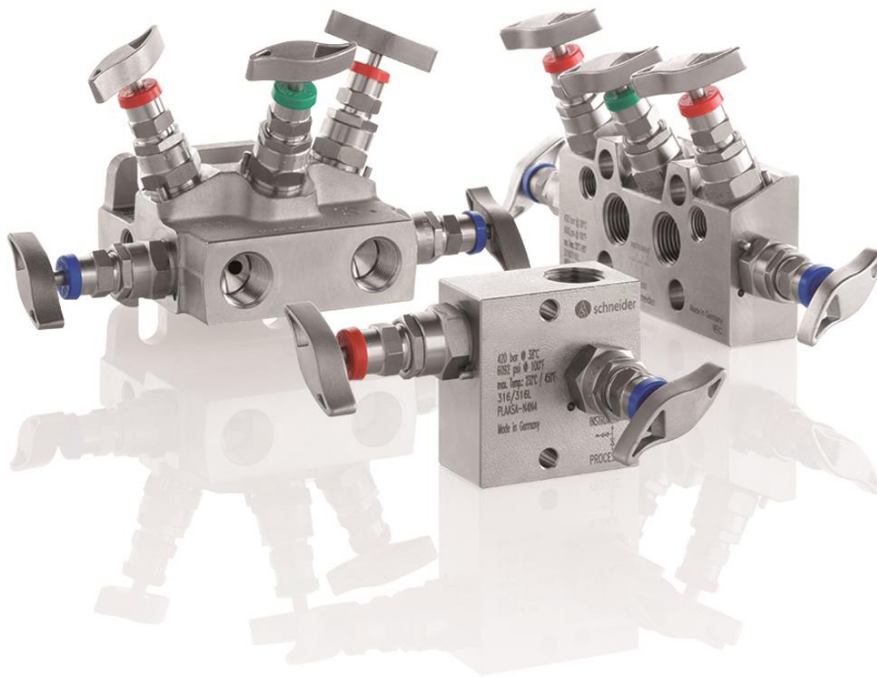
This is a key advantage for the users: While other manufacturers have yet to change their test processes to comply with the new TA-Luft, AS-Schneider valves are already available with the new certification. System operators thus don't have to wait when procuring the valves and can at the same time be assured of the high quality and leakage safety of the products.

Scope: 2,848 characters including spaces

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Captions:



Picture 1: AS-Schneider already meets these new requirements with its E Series, which means that the valves are not only very safe, but also available at short notice.

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Picture 2: Manufacturers have to test industrial valves according to the new TA-Luft.

Pictures by: Armaturenfabrik Franz Schneider GmbH + Co. KG

About AS-Schneider

The family-run company, AS-Schneider, was founded in 1875 and with over 350 employees, is one of the leading manufacturers of Instrumentation Valves, Manifolds and Double Block & Bleed Valves worldwide. In the market segment for Large-Bore Diesel Engine Valves such as those used in marine propulsion and the generation of electricity, AS-Schneider is even the world market leader. With our own subsidiaries in Romania, Singapore, Dubai (UAE) and Houston (USA) and professional partners in more than 20 countries worldwide, we are located everywhere our customers need us.

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