

Change-over Valve as great support for continuous production



About the customer

ARKEMA is one of the leading hydrogen peroxide producers in the world. Hydrogen peroxide (H₂O₂) is used in different concentrations as example for food packaging sterilization. The plant in Shanghai was established in 2000, and expanded in 2008.

The Challenge

ARKEMA is operating its plant in a non-stop mode requiring a high level of availability of the equipments as utilities devices as compressed air tanks. To allow high availability of its plant, ARKEMA decided to go for LESER's new Change-over Valves.

Why did the customer choose LESER products?

For ARKEMA, quality and reliability are the most important decision criteria to decide on Safety Valves and Change-over Valves.

More efficient plant operation with LESER Change-over Valves

The LESER Change-over Valve Type 330 and 320 offers the solution for safe and efficient system availability 24/7. It is easy to operate and, in combination with safety valves, provides permanent protection for a permanently running system.

With the help of flow tests and CFD simulations (Computational Fluid Dynamics), a flow-optimized design with minimal pressure loss was developed. Each configuration of these change-over valves has a specified resistance coefficient that enables reliable and precise calculation of the inlet loss. Due to their durable construction, these change-over valves are maintenance-free and lavishly tested. They are the economical solution because an optimal selection can be made for every application.

Data and Facts

Customer:

ARKEMA (since 2008)

Industry/Application:

Chemical plant /Hydrogen peroxide production

LESER products:

API and Best Availability

Quantity of valves supplied:

100 pcs Change-over and safety valves. Continuous optimization of the plant since 2008.

ARKEMAS advantages of the LESER change-over valve

Change-over valves from the Best Availability product group ensure simple switching between two installed safety valves and thus increase system availability. The Type 330/320 Change-over valve is flow-optimised.