

Process Automation

Mobile water treatment with complete solutions by GF Piping Systems

Rochem Separation Systems, Mumbai, India

Decentralized water treatment thanks to interoperable solutions



Sustainable and mobile water treatment thanks to complete Process Automation solutions by GF Piping Systems

True to its motto „Recreate, rejuvenate, retrieve“, Rochem Separation Systems develops solutions for mobile water treatment. As a result, up to 200.000 liters of water are processed daily through a number of processes like reverse osmosis or nanofiltration. In an effort to provide customers with a high and reliable water quality, Rochem has been relying on products by GF Piping Systems for 20 years.

Project background

Rochem India has made a name for itself as an expert for mobile water treatment solutions. The company is active in a number of industries with very different requirements – from the food and textile industry all the way to waste water treatment and the Indian navy. In order to provide treatment plants that produce the best results for every application, Rochem relies on modern automation solutions by GF Piping Systems that allow all processes to be monitored and controlled.

Selected technical solution

Rochem has been installing products by GF Piping Systems for many years. The trust and support that was built up has led to interoperable solutions for Process Automation. In addition to pipes, fittings and valves, they also include measuring and control systems for automation as well as a valve that was specially designed according to Rochem's specific requirements. The result is the seamless interaction between all components.

Achieved improvements

The plastic piping systems are not only corrosion-free and therefore long lasting but also significantly lighter than alternatives made of metal – this is an important benefit for applications in mobile containers. The complete solutions by GF Piping Systems also create an ecosystem that reliably automates processes and can be continuously expanded. Thanks to modern process automation, Rochem can keep its promise to recreate, rejuvenate and retrieve water, and make a valuable contribution to water conservation.



With the solutions of GF Piping Systems, Rochem's plants can treat up to 200.000 liters of water per day.



Mobile water treatment in containers thanks to process automation.

Customer benefits

- **Modern and sustainable solutions:** The plastic piping products by GF Piping Systems combine digital functionality and sensors with long lasting and recyclable materials.
- **Complete systems:** The Swiss flow solutions provider offers a broad range of products for process automation, from valves and fittings to measuring technology and controllers.
- **A loyal partner:** GF Piping Systems provides continuous technical support in order to evolve their products and find the best, individual solutions for the customer.

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Your contact

Georg Fischer Piping Systems Ltd
Ebnatstrasse 111
8201 Schaffhausen / Switzerland

Telephone +41 (0)52 631 11 11
mail@georgfischer.com
www.gfps.com

