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High Purity Plant in Taiwan

Christ Holland B.V.
is a company which
specializes in plants
for high purity water.
In 1994 Christ built
a plant for Micro-
Electronica in Hsinchu,
Taiwan on behalf
of Mosel Vitelic Inc.
In this installation,
Georg Fischer HP
products were used
among others.

*This water treatment
plant produces ultra
pure water to rinse
the microchips.*



*For the ion exchanger, valves, fittings and
accessories made of PVC and PVDF HP
were used.*



*For the ultrafiltration as well,
Georg Fischer fittings and valves
of PVDF HP were put to use.*

Plant design

When designing the plant, water conservation and reuse was a very high priority, since water is a rare commodity in Hsinchu. The plant combines several technologies, such as filtration, reverse osmosis, ion exchange, degasifying and ultrafiltration in order to attain the desired water quality.

Short delivery times

The customer also expressly requested extremely short delivery times so

as not to miss out on the rapid and positive developments in the high purity water treatment market. Thanks to the short delivery schedule of Georg Fischer HP products and the fact that the components were sent by air freight to Taiwan, the transport times were kept to a minimum of 5 to 7 days. During this period of time, the entire PVDF piping system was installed and more than 20 connections were carried out by the local Christ representative.