

# Veolia supplies water purification for pharmaceutical plant

Pharmaceutical manufacturing facilities require process water that meets strict standards of purity. Veolia Water Technologies has supplied such a plant to Aspen Pharmacare's SVP2 plant expansion in Korsten, Port Elizabeth, to meet compliance with all regulations through a cost-effective, efficient and reliable supply of water.

**A**spen Pharmacare has a long-standing relationship with Veolia Water Technologies South Africa, where the company's Orion® purified water systems have been supplied to meet the pharmaceutical manufacturer's requirements for purified water. This will be the sixth Orion® purified water installation at Aspen Pharmacare's Port Elizabeth-based site, as part of its Stockholm Clean Utilities project, which involves the re-use and recycling of water and wastewater.

In April 2019, a contract was awarded to Veolia South Africa for the design, supply, manufacture, delivery, installation and commissioning of a new Orion®

9000MKIII Purified Water Generation Unit, complete with pre-treatment skids for Aspen Pharmacare's SVP 2 facility.

The Orion® 9000MKIII purified water skid was imported by sea freight from SOLYS UK, another Veolia business unit. "This was freighted on completion of the Factory Acceptance Test in mid-August," says Vashlin Govender, business development manager, Veolia Water Technologies South Africa.

The Orion® 9000MKIII E-Series that was supplied is a Hot Water Sanitisable Reverse Osmosis and CEDI based purified water generator. It comes with BES Duplex Softeners, which will produce 9000 l/h of European and United States Pharmacopoeia compliant purified water for the production of clean utilities

for Aspen Pharmacare. Pre-treatment skids are locally designed and produced.

Veolia will provide continuous operations and maintenance support for all purified water generation and distribution plants installed at Aspen's Port Elizabeth site. This includes continual technical support as well as the provision for the supply of spares and annual maintenance servicing when requested.

"We also have a formal Service Level Agreement with Aspen Pharmacare, with an optional renewal on an annual basis," says Govender. According to this SLA, Veolia performs a number of scheduled equipment inspections through the course of the year to assess the performances of the various purified water plants and identify potential operational and technical issues to be addressed via preventative maintenance.

Veolia's water treatment systems for the pharmaceutical industry include solutions for purified water, highly purified water, pyrogen-free water, and water for injection (WFI) for companies in South Africa, Africa and internationally. □



*The ORION is ideal for pharmaceutical water purification.*