USFilter distributes H₂S removal products

Two US companies, based in Florida, have entered into a national supply agreement covering iron-based, hydrogen sulphide (H₂S) removal technologies.

Under the agreement, USFilter’s Davis Products will sell and distribute Kemiron Inc’s products, which are designed to control hydrogen sulphide in municipal wastewater applications.

Kemiron, which is based Bartow, manufactures and markets iron and aluminium salts to the municipal water and wastewater industries. It says that it will continue to provide its iron-based products and application support services directly and through other sales channels, but will work with Davis Products to expand the municipal market for hydrogen sulphide control technologies.

The companies say that the agreement uses the production, distribution, sales and service strengths of both organizations.

According to Lawrence Hjersted, CEO of Kemiron, “Davis is widely recognized for providing guaranteed solutions to municipal wastewater hydrogen sulfide problems, so we are excited about working with Davis Process to expand our iron-based technology for wastewater odor control.”

David Hunniford, general manager for USFilter Davis Products, said “Kemiron has been a key supplier for us for more than ten years. Their recent addition of numerous manufacturing and distribution facilities enables us to expand the use of their iron-based technology to assist our clients’ growing demand for full-service-odor-control programs. This agreement utilizes the production, distribution, sales, and service strengths of both organizations in a manner that will truly benefit the increased municipal demands for effective odor control.”

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Ukrainian plant uses Inge’s UF modules for process water clean-up

German membrane producer Inge AG is supplying its ultrafiltration (UF) modules for a Ukrainian project worth in excess of US$1 million.

They are to be used in a UF plant that is located close to the industrial city of Donetsk. The plant, which will purify process water for a manufacturing company, will be built by US-based GE Osmonics, an affiliate of the General Electric group.

Inge says that a pilot facility, run for three months at the site, proved that its patented UF membranes could successfully purify water without the use of disinfection chemicals.

The proposed filtration system is designed to first purify and clean surface and recycled water using Inge’s membrane filters. In a second stage the water will be desalted by reverse osmosis. The resulting process water then can be used for producing pharmaceuticals or plastics.

The UF plant will have a capacity of more than 2000 m³ per hour. The first modules are set to be delivered in the second quarter of 2004, while the entire plant is scheduled to be completed about six months later.

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Dow licenses arsenic removal technology

The Dow Chemical Co of Midland, Michigan, USA, has licensed technology from HydroGlobe that removes arsenic III and V from drinking water.

Dow says that it is using this technology to create new adsorbent media for the cost-effective removal of arsenic and heavy metals from drinking water.

According to Dow, the titanium-based adsorbent will increase the efficiency of point-of-use and point-of-entry water treatment applications. The company says that it will also provide value to municipalities who need a safe, cost-effective way of meeting the new arsenic standard of 10 ppb, set by the US Environmental Protection Agency and that takes effect during 2006.

Dow has also announced it is to increase the selling price of DOWEX® ion exchange resins worldwide. Effective April 15, 2004, Dow will increase the price of DOWEX ion exchange resins by an average of 5% across the entire range of products globally.

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