

Press Release

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Saica relies on anaerobic reactor from Voith for wastewater treatment

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When building its new mill in Partington, Great Britain, the paper manufacturer Saica chose Voith's wastewater treatment system with an R2S reactor, which is a two-stage high-performance reactor for anaerobic treatment of industrial wastewater. Voith has already sold 19 of these reactor types worldwide.

Saica is very satisfied with its new system. Federico Asensio, the Deputy General Manager and R&D Group Director at Saica, is happy to confirm this: "For a customer, it is important to rely on the technical know-how and commitment of the supplier, especially if there is an unexpected situation. Thanks to the strong collaboration between Voith and Saica, the initial problems have been solved and the wastewater treatment system finally achieved our original expectations. Its operation is smooth and stable."

At Saica, wastewater treatment is coordinated very precisely to the specifics of paper manufacturing. The system is designed for daily production amounting to 1,400 metric tons of corrugated board base paper from 100% recovered paper, and thus for ca. 6,300 m³ of wastewater daily.

The rugged R2S reactor at Saica breaks down around 80% of the load. Up to 25,000 Nm³ of biogas is produced daily. This gas is available as an additional energy source and can be used for steam or power generation. As the concept is specifically coordinated to the paper mill, the limit values for the wastewater are also reliably and safely adhered to. The amount of excess sludge is also reduced.

Further information is available on the Voith website at www.voith.com/paper. Voith Paper is also on [Twitter](#) and [YouTube](#).

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving products to reduce the use of energy, water, and fibers. Furthermore, Voith Paper offers a broad service portfolio for all sections of the paper manufacturing process.

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Voith sets standards in the markets energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith employs more than 43,000 people, generates € 5.7 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.

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