



ENVIRONMENTAL TECHNOLOGY

AESSEAL® cleans up the brown lagoon

A sugar company in the English Midlands has saved more than £40,000 following a decision to upgrade its packing system to the AESSEAL® trapezoidal cross-section packing AESSEAL® 380TP.

The company had been using rope style packing supplied by a competitor that was too hard for the application, resulting in shaft wear and excessive leakage. The leaks not only resulted in bearing damage and an expensive loss of product, but created a pool which was sometimes over a foot deep and which was known by the maintenance team as the brown lagoon.

The AESSEAL® 380TP system has a number of benefits over the more common square cross-section, in particular reduced friction and heat generation, which reduces the rates of wear of shaft and packing. Following its installation by AESSEAL® technicians in June 2024, the MTBF more than doubled from less than six months to 12 months before any intervention was necessary.

In preventing the leaks, the new system resulted in improved health and safety and lower maintenance costs. The company's maintenance manager said that the 380TP had made a big difference compared with the old-style packing they had been using since the 90s. "At least," he said, "we can now walk past the diffusion towers without getting wet through."



'Improved H&S and lower maintenance costs'

Industry:	Sugar
Product:	380TP
Application:	Diffusion Towers
MTBF Increase:	>100%
Savings:	£42,000
Reference N.O:	TD3132883



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