

Sundyne **HMD Kontro** Sealless Pumps

Sealless Pumps Help Quell Sewage Smell

Magnetic Drive Pumps from HMD Kontro
Prove Ideal for Scrubbing Systems

Sewage treatment plants have an odour all of their own, and it's not nice! However, HMD Kontro Aggressive Liquid non-metallic sealless pumps, supplied by Ceetak Engineering, are helping to quell the smell!

The magnetic drive pumps are being used on the scrubbing systems that reduce the odours emitted, a particular benefit to those in neighbouring houses and businesses. They have the advantage of being easier to maintain, meaning less downtime / more uptime and they are more environmentally friendly, as there is no potential for leaks or emissions. Indeed, experience has shown that maintenance requirements, and hence costs, have been minimal for the HMD Kontro pumps.

Each of the odour control systems uses two pumps, one duty and one standby. They are pumping a solution of sodium hypochlorite and caustic soda through the scrubber, which removes the smell emitted by the plant into the local atmosphere.

Previously, the scrubbing systems were equipped with mechanically sealed pumps, which were screened from the rest of the plant and could cause problems when leaks occurred. They also required considerable maintenance for which precautions needed to be taken by the operators.

The previous pumps are being replaced with HMD Kontro ALA models because they are much cleaner in operation, more robust and reliable. Also, they take up a smaller amount of space and there are significant environmental benefits because there is now almost zero potential for failure leading to leaks and emissions.

Having originally undertaken replacement of the mechanically sealed pumps for a leading water authority in the North of England, Ceetak Engineering are now rolling out a programme of targeting other water authorities and companies in the UK to outline the benefits of the HMD Kontro ALA pumps and suggest replacement at each plant.

The HMD Kontro non-metallic ALA/I pumps are a series of fluoro-plastic lined pumps designed to handle corrosive chemicals, particularly organic chemicals, inorganic acids, alkalis and salts. Available within the range is the K+ (ANSI standard pump) and the Ki (ISO standard pump), both of which can handle flows of up to 120 m³/hr / 528 gpm and heads of up to 70 metres / 230 feet, plus self-priming and vertical in-line pumps. Other typical applications include feed, transfer, filtration and dosing.

For further information about the HMD Kontro ALA/I pumps that can be used for odour control scrubbing systems and many other applications, please see our website at www.hmdkontro.com

HMD Kontro

Case Study

