



ENVIRONMENTAL TECHNOLOGY

Major savings with CKD™ double seal

The single seals being used by Swedish water treatment company were unsuitable for the job they were being asked to do, allowing limescale to enter between the seal faces and leak out on to the floor of the plant.

The problem involved two machines, each of which was fitted with two single seals. The seals were failing on average every six months, resulting in a series of costly unplanned shutdowns while the machines were dismantled so that the repairs could be carried out.

To remedy the situation, AESSEAL® recommended the installation of its CKD™ double stationary cartridge seals, whose modular design has been shown to be effective in all sectors of industry in reducing costs and increasing equipment uptime.

Each of the machines was fitted with two CKD™ seals to replace the original single seals, with the installation taking place in March 2020. From an MTBF of just six months, the CKD™ seals have now been operating for more than four years without being replaced. The company estimates that by eliminating unplanned downtime and reducing maintenance costs, they have saved around £30,000 sterling over this period.



‘MTBF increase from 6 months to >4 years’

Industry:	Water treatment
Product:	CKD™
Application:	Limescale remover
MTBF Increase:	1233% (and counting)
Savings:	£30,000
Reference N.O:	TD3107674



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