



ENVIRONMENTAL TECHNOLOGY

## CSSN™ guarantees water supply for Spanish town

Leaking seals were causing major problems for a Spanish water distribution company. The seals were fitted to a pump which was responsible for the delivery of water to a small town in the north-east of the country. They were failing on average once a month, threatening the continuity of the town's water supply.

Searching urgently for a way to improve reliability, the company consulted AESSEAL®. AESSEAL® recommended the installation of its CSSN™ range of cartridge mechanical seals. These are high-performance seals for general applications, building on more than a decade of proven performance from the AESSEAL® CURC™ and FIDC™ ranges. The CSSN™ range is derived from cutting-edge manufacturing techniques and represents the best value-for-money sealing solution available in the current market.

The features of the range include the use of helical coil springs to ensure accurate uniform seal face loading throughout the life of the seal, and a modular seal face design which ensures optimum fluid film during process fluctuations. The seals were installed in March 2023, and are still operating effectively over one year later, providing the town's population with a reliable supply of water, and saving the company a great deal of stress, and to date around €10,000 (almost US\$11,000) in repair and maintenance bills.



## 'Reliability increased from 1 month to >1 year'

Industry:	Water & Waste
Product:	CSSN™
Application:	Flowserve® 250 LNN 600
MTBF Increase:	1,300% (and counting)
Savings:	€10,000 / \$11,000 (and counting)
Reference N.O:	TD3107680



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