



ENVIRONMENTAL TECHNOLOGY

CKSA™ seal ensures reliability for UAE company

Difficulties encountered during the installation process of a competitor’s seal were causing reliability problems for the power and water company Emirates Sembcorp in the United Arab Emirates.

Errors during the installation process were compromising the seal’s reliability, causing it to fail on average every six months. When consulted about the problem, AESSEAL® recommended the replacement of the existing seal with the AESSEAL® CKSA™ glandless cartridge single seal.

The cartridge design makes for greater ease of installation and the seal can be retrofitted to existing pumps without modification. Its multi-spring design ensures that the seal faces are evenly loaded to prolong seal life. Monolithic seal face technology reduces distortion in both high and low temperature applications, increasing reliability.

The new CKSA™ seal was installed in 2022 and has now been working for two years without a problem, saving the company more than £3,000 in repair and replacement costs and resulting in an order being placed for four more seals of the same type.



‘Reliability increased from <6 months to >2 years’

Industry:	Power
Product:	CKSA™
Application:	Condensate Water
MTBF Increase:	300% (and counting)
Savings:	>£3,000
Reference N.O:	TD3111373



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