



ENVIRONMENTAL TECHNOLOGY

Mechanical Seal upgrade improve reliability and saves more than ZAR 580,000

A specialist mining company used gland packing in the feed pumps at their tailing processing facility.

The product pumped was coal ‘fines’ and the gland packing was lasting just 3 weeks. When the gland packing failed product was lost and the processing line needed to be stopped to replace the packing. Looking to improve plant reliability the customer approached AESSEAL® for an alternative solution.

AESSEAL® recommended replacing the packing with a CDPH mechanical seal and an SW02 Water Management System. The first system was installed in April 2017 a second in June 2017 a third pump being upgraded in August 2017. The first seal ran for 18 months, the second, 14 months and the third for 16 months. The plant saved up until June 2020 ZAR 227,000 for the first installation ZAR 197,000 for the second and ZAR 162,000 for the third.



Industry:	Mining
Product:	CDPH and Water Management System
Application:	Coal Slurry
MTBF Increase:	1766%
Savings:	ZAR580,000
Reference N.O:	CH00000



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