



ENVIRONMENTAL TECHNOLOGY

## Style 343 a lasting solution for Gulf power company

Problems with gland packing prompted a power and desalination plant in the Middle East to turn to AESSEAL® in search of a solution. Because of the high pressure and temperature in which the seal was operating, the company was having to replace the gland packing every six to 12 months.

The cost of downtime, as well as the ever-present risk of damage to the shafts, were a big concern. The customer approached AESSEAL® requesting to know if there was a style of gland packing which could handle both extreme temperatures and high pressure.

AESSEAL® suggested the replacement of the existing packing with its Packing Style 343, which uses a carbon staple fibre with graphite impregnation and paraffin run-in lubricant, making it extremely stable under conditions of high temperature and pressure, and with good wear resistance against abrasive and crystallizing products.

The packing was installed in January 2023, and the customer has reported no problems since that date over one year later. The company now has a product which has already outlasted the original packing, and which has also removed the risk of any damage to the equipment. The company was impressed by the speed of AESSEAL's response to what had become an urgent problem; this, and the quality of the follow-up service, has opened the door for future business.



## 'Impressed by speed of AESSEAL® response'

Industry:	Power
Product:	Style 343
Application:	Desalination
Savings:	Reduced downtime
Reference N.O:	TD3100034



[aes seal.com/info](https://aes seal.com/info)