



Summary

Industry:	Fossil Fuel Power Generation
Application:	Steam System
Actual Saving:	£n/a
Payback Period:	n/a



High temperature gaskets solve leaks

ERIKS help customer to solve issues on high temperature steam system

ISSUE

One of the UK's major electricity generators was experiencing issues with sealing on their high temperature turbine gland steam system. This is a critical application in any power station, with high temperature steam generated in the electricity generation process.

The customer was using a tanged steel reinforced graphite. The application was 555 deg C and 80 psi.

SOLUTION

ERIKS Gasket Technology engineers visited site to advise the customer on the cause of the problem and a possible solution.

ERIKS determined that the failing gasket, and the cause of the leakage, should have been working at a maximum temperature of 450 deg C. They recommended the selection of Flexitallic high performance, high temperature Thermiculite 815 pre cut gaskets, uniquely suitable up to 1000 deg C. The product was installed and no further leaks were reported.

OTHER BENEFITS

- The gaskets were cut within hours, reducing downtime for the customer
- The customer will benefit from reduced maintenance time

FURTHER COMMENTS...

The customer will now review other problematic sealing issues with Thermiculite as the material of choice for replacements.

MORE INFORMATION

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