



## Summary

<b>Industry:</b>	Fossil Fuel Power Generation
<b>Application:</b>	High Pressure Steam Lines
<b>Actual Saving:</b>	£n/a
<b>Payback Period:</b>	n/a



## Frenzelit seals boiler drum doors

ERIKS Gasket Technology solves leakage problem for power station

### ISSUE

IP and LP Steam boiler drum doors on a CHP power station were suffering steam leakage issues. Not only was this costly, it was also a Health and Safety issue. The current spiral wound gasket design was too rigid for the application, with insufficient loading available to instigate the required seal.

### SOLUTION

ERIKS Gasket Technology Engineers selected Frenzelit SSTC high integrity graphite jointing. A simulation of the design was made on Novadisc software. Based on size, pressure and temperature, the design was verified as suitable.

The gaskets were cut using ERIKS Atom oscillating knife cutter. There was no tooling required, ensuring an immediate turnaround for the customer. Following implementation of the solution there was no further leakage observed.

### OTHER BENEFITS

- Sealing gained under low load
- Highly accurate gasket dimensions
- No expensive tooling required
- No further leaks

### FURTHER COMMENTS...

The customer was happy with the solution, specifying Frenzelit SSTC as a stock item.

### MORE INFORMATION

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