



Summary

Industry:	Petrochemical
Application:	Chemical Process Plant
Actual Saving:	£n/a
Payback Period:	n/a



Special PTFE Gasket Seals Damaged Flange Faces

ERIKS RX Flowtite prevents further downtime for Chemical Plant

ISSUE

On a critical part of the process plant, the client was experiencing problems on an acid application. Long term degradation of the flange faces prevented the adequate sealing of the joint utilising a standard PTFE based gasket. Extra urgency was placed on a solution since the plant shutdown period was nearing an end. Additional downtime was not an option considering the potential costs associated with lost production.

SOLUTION

ERIKS Gasket Technology advised that the flange faces should be machined to original specification. Due to the time constraints however, this option was not practical for the site engineers. ERIKS Engineers therefore advised the selection of a high compression, conformable, creep resistant PTFE composite gasket. A 3mm thick RX Flowtite solution was recommended.

On installation, the RX Flowtite overcame the imperfections in the damaged flange facings, thus forming a high quality seal. Savings involved the prevention of a costly flange re machining process and lost process time.

OTHER BENEFITS

- There was no need to machine flanges and the solution can be used on damaged flanges
- No additional downtime occurred - the solution was delivered within the planned shut down

FURTHER COMMENTS...

The customer was pleased with the engineering input and rapid supply of replacement gaskets.

MORE INFORMATION

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know-how makes the difference