



## Summary



**Industry:** Chemical

**Application:** Steam

**Actual Saving:** £5,000

**Payback Period:** 12 months



## Full Steam Ahead With ERIKS Hose Technology

Technical support eliminates dangerous leakages, reducing downtime

### ISSUE

ERIKS Hose Technology were contacted by a chemical company based in Warrington to investigate a metal hose that has failed, leaking dangerous steam. This is not the first time it had failed emitting low pressure mains steam at under 10 bar.

### SOLUTION

On inspection the hose was found to be unsuitable for this particular application, it was slightly too long and has been made to fit the gap, had fixed flanges at each end and the offset bolts mean that in fitting the hose is subjected to unnecessary torsion. Plus the hose is standard pitch and failing under any movements.

Based on the issues were identified ERIKS Hose Technology were able to make the hose to critical length of +/- 0% We provided one end swivel, so the fixed end can be attached and the swivel end can be matched to the existing bolts, and we installed a close pitch hose which has a bending advantage of 10x that of standard pitch.

### OTHER BENEFITS

- Dangerous steam no longer leaking
- Downtime greatly reduced
- Added efficient use of Steam on site

### FURTHER COMMENTS...

The customer is delighted by these changes and is switching the specification across to our suggestions and putting spares in stock, this will also be included in their best practice procedures.

### MORE INFORMATION

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