



## Summary



<b>Industry:</b>	Facilities Management
<b>Application:</b>	Pumps
<b>Actual Saving:</b>	£50,000
<b>Payback Period:</b>	Undisclosed



## ERIKS Prevent a School Shutdown

The Solution Ensured Significant Cost Losses are Avoided

### ISSUE

A facilities management company looking after a local North London high school had a concern with cracks and perishing on their heat circulating pump bellows and was anxious that they might burst, causing harm to people in the vicinity or damage to the school building or infrastructure.

The issue was a priority to the school as it was the middle of winter and revision for upcoming examinations was in progress.

### SOLUTION

The facilities manager contacted ERIKS to get involved in identifying the exact condition of the bellows as well as the make and models of the pumps.

ERIKS' pump team visited site, conducted a full on-site survey of all pumps and compiled a comprehensive report including photographic evidence showing the extent of the damage, and the general condition of their pumps. (12 units in total)

Due to the school's operation a strategic plan was drawn up which would allow the replacement of the bellows to take place without disruption to the school. Whilst changing the bellows, it was identified that one of the client's heat circulating pumps had a seriously leaking mechanical seal. The ERIKS engineers were asked to replace the seal as a matter of urgency due to the expected winter conditions.

ERIKS ordered a mechanical seal from the OEM as replacement. The engineers attended site only to find that the wrong size seal had been supplied. This immediately became an urgent issue as the school could not close for any period of time. The OEM admitted supplying the wrong seal, however, a placed a new seal on order would be on a week lead time.

This would mean the heating system would need to be shut down and the school potentially closed. Should this occur, the facilities management company could then be penalised £10,000 a day for a period of 5 days, a total of £50,000.

ERIKS immediately contacted an alternative supplier who was able to deliver the correct seal in 24 hours. This was installed over a weekend and allowed the school to continue operating without any disruption to their activities.

### OTHER BENEFITS

- Technical Know-How
- Cost Savings
- Reduced Lead Time

### FURTHER COMMENTS...

The client now has a complete set of bellows fitted on all of their pumps, as well as the leaking mechanical seal being replaced.

The next stage will be to replace their existing equipment with modern, more efficient pumps as the school is aware that the pumps are outdated and unsupported in a number of instances.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

Tel: 0845 006 6000

Web: [www.eriks.co.uk](http://www.eriks.co.uk)