



Summary

Industry:	Food - Bakery & Cereals
Application:	Pump Training
Actual Saving:	£3000
Payback Period:	On Going



Pump Training Reduces Plant Failures

Bespoke failure analysis training increases plant efficiency

ISSUE

ERIKS work closely with a large cereal manufacturer, as part of this relationship it was agreed that ERIKS would undertake a Grundfos pump training course to increase the engineers skills at observing, identifying and preventing failures.

SOLUTION

ERIKS looked at creating a bespoke training programme specific to the customers requirements. With a practical hands on approach to dismantling and rebuilding pumps so that the customer's maintenance teams could increase their knowledge of centrifugal pumps, which are the primary pumps used on plant.

The course content was agreed and including the following: Pump Failure Issues, Pump Circuits, Theory, Pump Design, Changing Pump Rotating Speed, Pumped Media and System Pressures, Power Consumption and Efficiency, Hydraulic Theory, Pump Performance Data, Effects of Glycol, and Variable Speed Pumping.

The first training session was successfully completed, with the remaining training to be conducted by the end of the year. The training will help reduce the number of pump failures on plant, however, in the event of a failure the cost of downtime and repair time is reduced through the bespoke training that identified the key issues faced by the maintenance teams. All training has been provided free of charge by ERIKS.

OTHER BENEFITS

- Reduction in pump failures
- Quick and effective maintenance
- Failure analysis training
- Increased plant efficiency

FURTHER COMMENTS...

The bespoke training programme was designed by ERIKS In-house pump application engineers

MORE INFORMATION

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