



Summary



Industry:	Renewable Energy
Application:	Lime Slurry Pump
Actual Saving:	£3,420
Payback Period:	



Pump Technology Eliminates Failure Risk

Long life high chrome pump casings offer exceptional abrasion resistance

ISSUE

A waste to energy incineration plant operated two French lime slurry transfer pumps, these pumps were unsupported by the manufacturer in the UK and spares parts were proving increasingly difficult source, with lead times for vital replacement components stretching to 6 months or more.

The power station had flagged this as a risk to the station with regard to the reliability of the supply chain and wanted a product installed with a far more reliable parts supplier, and if possible UK source able.

SOLUTION

ERIKS Pump Technology reviewed the application and working in partnership with a key manufacturing supplier Warman Pumps, a suitable replacement pump was selected and supplied to site.

ERIKS supplied two Warman SCH M type slurry pumps manufactured in high chrome Iron (hardness is +600 BHN) with spare part availability now being reduced to a more acceptable 6 to 8 weeks.

In addition the station now deal with ERIKS UK for all its parts requirements, and if required Warman are based in the UK.

OTHER BENEFITS

- Casings are long life high chrome iron.
- Cartridge type bearing housing allows simple axial adjustment of the clearance between impeller and suction liner.

FURTHER COMMENTS...

Metal pumps are recommended for handling slurries with large or sharp particles. These pumps can run with higher tip speed to reach heads up to 70 metres. It can work with hydrocarbons or high temperature. This pump is suitable for use in aluminium plants), sand treatment, sugar factories, and other abrasive applications.

MORE INFORMATION

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