

# Paper Technics

## Energy Optimisation Course 2011: September 20<sup>th</sup>-21<sup>st</sup>



Training Courses for the Paper Industry

### Venue

DeVere Whites Hotel, Horwich, Bolton

**Presenters:** Kate Leach (MILS Processes)  
Harry Cripps (HRC Consultants)

### Booking a place

Book your place on the course

[www.papertechnics.com/userimages/procart9.htm](http://www.papertechnics.com/userimages/procart9.htm)

### Who should attend?

Process Technologists and Managers, Project Managers, Engineering and Technical Managers and Mill Managers will find the course highly relevant

## Reduce your mill's energy bill significantly!

### What will this course provide?

This unique **course** will provide the trainee with **tried** and **tested** methods to make **substantial** reductions in energy usage for the mill.... On the majority of paper production sites, a large proportion of the energy is used in **heating, cooling, blowing** and **pumping**. This course will provide:

An understanding of the **energy implications** of the principal types of equipment involved in the paper making process and background. **Pinch techniques** and other cutting edge methods will be introduced.

An introduction to **flowsheet heat & material balances** and a systematic approach to heat recovery, will further refine this method and focus on specific areas for improvement in **energy usage**.

Learn techniques to

- analyse energy efficiency
- assess the viability of an energy reduction project
- identify opportunities to reduce energy usage
- optimise the process in terms of energy consumption



Case studies, worked examples and calculation assignments will be included to give an interesting and multi-faceted approach to the subject.