

Paper Technics

Process Control Course: 2011



Training Courses for the Paper Industry

Venue

De Vere Whites Hotel
Horwich
Bolton
BL5 6JW

Location: 5 minutes from M61 junction 6

Booking a place

Book your place on the course

www.papertechnics.com/userimages/procart9.htm

Who should attend?

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

Improve process efficiency in the mill!

What will this course provide?

This unique **course** will provide the trainee with **the** background knowledge to improve understanding of the control systems to be found in a modern paper/board/tissue machine. This will lead to greater precision when selecting sensors to make sure they are right for the application and enhanced understanding of controller types and control systems. This course will provide:

An introduction to **control systems**, sensors and transducers, **signal conditioning**, factory control, first and second order control systems and **control strategies**

An ideal blend of theory and practice, presented by a process control professional, with enthusiasm and a flair for imparting knowledge of the subject.

Specifics covered include:

- ✓ Key components of control systems
- ✓ Matching sensor types to application
- ✓ Signal conditioning
- ✓ The use of PLCs
- ✓ Comparison of first and second order control with real life applications
- ✓ Design and operational characteristics of PLCs
- ✓ PID control and tuning of parameters
- ✓ Controller types



Case studies, worked examples, calculation assignments and supplier contributions will be included to

give an interesting and multi-faceted approach to the subject.