

PITA Training & Conferences

Kate Leach presents

"An Introduction to Tissue Manufacture"

Essential Background Knowledge for Anyone involved in the Tissue Sector

16th – 18th June 2020 / PITA Office



This Three Day Introductory course provides an insight into the modern tissue mill and the peculiarities of tissue when compared with conventional paper products.

Kate will lead attendees through the process of manufacturing tissue from fibres to finishing and explore key aspects of the 'Tissue Machine' including the Yankee Cylinder, Tissue Properties, Costs, Quality and, perhaps most mysterious of all, Softness.

This course is essential training for anyone (manufacturer or supplier) new to the Tissue Sector or those wishing to broaden their understanding of this fascinating paper product.

Day One:

Day One will look at the full tissue production process, from fibre to shelf

- **Fibres:** the basics, the different types, how they impact on final sheet properties
- **Pulping:** a look at the major types of virgin fibre pulping techniques, & secondary fibre treatments
- **Papermaking:** a guide through the papermaking process, from pulp preparation & approach flow through to the end of the paper machine
- **Chemical Additives:** talking through the most common categories of chemical additives used through the tissue making process
- **Finishing & Converting:** from the parent reel-up to the customer - what processes are likely to be involved in turning a parent reel into saleable tissue

Day Two:

Building on the knowledge gained, Day Two looks at tissue properties & process costs

- **Tissue Properties** – identifying what properties are desirable in different types of hygienic paper, looking at how our manufacturing processes impact on these. Is it possible to enhance all our properties together? Or are there trade-offs to be considered?
- **Considering Quality** - What does "quality" mean to each of your customers throughout the process? How can we influence final sheet properties right from the start of the process? Look at root cause issues of quality defects

Day Three:

Day Three consolidates earlier learnings & focuses on the importance of the Yankee Cylinder

- **Focus on the Yankee Cylinder** – A look at Yankee performance & operation. Where to look when trying to trouble shoot the root cause of issues that may be seen & experienced at the Yankee
- **Measurement Methods** - Making sure there is a common language for quality standards between customer & supplier. An overview of the type of measurements that are taken in tissue manufacture, & the equipment used
- **Softness** – looking at softness in a logical progression, from the definition of softness, through to how it is measured & finally looking at ways to enhance softness perception through papermaking processes

Only £750 (plus VAT) per person, including full course notes, refreshments & six months complimentary membership of PITA. Membership discounts apply

**For further details &
to book your place on this course,
contact Helen in the PITA Office
(0300 3020 150 / helen@pita.org.uk)**

**Paper
Industry
Technical
Association**

Kate is an effective and entertaining trainer with a thorough and grounded knowledge of papermaking processes with good insight into the world of soft tissue manufacture.

I can honestly say that after 38 years in the paper industry and having attended a large number of courses this was truly one of the best both in terms of content and supporting material.



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