

# PITA Training & Conferences

Paper  
Industry  
Technical  
Association

## Ian Padley presents . . . . **“An Introduction to Tissue Manufacture”**

**Essential Background Knowledge for Anyone involved in the Tissue Sector**  
**17<sup>th</sup> & 18<sup>th</sup> September 2024 / Venue TBA**



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

Ian has over 20 years as a specialist in tissue for two different supplier companies working with all the major tissue producers globally. He 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.

### Day One:

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

- **Introduction—Tissue in our World:** An overview of the tissue and hygiene sector—the fastest growing part of the paper industry
- **Tissue Properties & Measurement:** Identifying what properties are desirable in different types of hygienic paper, looking at how the manufacturing processes impact on these, and how they can be assessed
- **Fibres for Tissue:** How best to select pulp fibres so as to enhance final product properties
- **Tissue-Making Technology:** A guide through the tissue making process, from pulp preparation and approach flow to the end of the tissue machine
- **Converting & Finishing:** How we turn a parent reel into an end consumer product

### Day Two:

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

- **Chemicals for Tissue:** A look at the most common chemical additives used in tissue making
- **Tissue Softness Development & Measurement:** A discussion about what is meant by ‘softness’: how it can be defined, measured and enhanced
- **Practical Consumer Tissue Assessment:** 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? A look at root cause issues of quality defects
- **The Art and Science of Creping:** This is the process that imparts softness, but also reduces strength. Controlling this process has a major effect on all important end product properties
- **Tips for Troubleshooting and Auditing the Tissue Machine:** Tissue manufacture is a complicated business! Here you will learn about some of the problem areas in the process, and ways to troubleshoot these issues

**Only £775 (plus VAT) per person, including full course notes, refreshments & six months complimentary membership of PITA. Membership discounts**

**For further details & to book your place on this course, contact Daven in the PITA Office (0300 3020 159 / [daven@pita.co.uk](mailto:daven@pita.co.uk))**



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