



Nonwovens advanced

CARDING



CETI – FRANCE



The **nonwovens**
learning cycle

Keep abreast of developments in the manufacture, conversion and applications of nonwovens
The Nonwovens Learning Cycle™, organised in collaboration with CETI, offers an integrated approach to nonwovens from the basics, via intermediate, to advanced courses in Carding and Spunmelt.

ORGANISED BY



IN COOPERATION WITH





PROGRAMME & TIMING

DAY 1

08.30

Welcome to CETI

INTRODUCTION

- Market Statistics
- Product and Applications
- Definition and History
- Nonwovens platform discovery

RAW MATERIALS

- Overview of the natural, artificial and man-made fibres
- Request properties for Drylaid nonwoven application
- Bi-component fibres
- Future of man-made fibres
- Workshop: fibres identification

12.30



Lunch break

13.30

CARDING FEEDING

- From the staple fibre to the carding feeding
- Technologies of fibres blending and opening
- Request process depending of the fibres properties
- Opening and Blending equipment discovery

CARDING PROCESS

- From the feeding to carded web
- Detailed explanations of each part, option, design, setting on the process
- Process management for each fibre

18.00

Hotel break

19.30



Evening dinner

DAY 2

09.00

TRIALS USING CARDING PROCESS AND DEDICATED BONDING TECHNOLOGY

- Trials elaboration depending of the fibres choice
- Fibre blending and opening role in the carding process
- Carding parameters adjustments and consequence on the process and the product

12.30



Lunch break

13.30

TRIALS USING CARDING PROCESS AND DEDICATED BONDING TECHNOLOGY

- Comparison of the main Carding parameters process depending on the fibre use
- Laboratory analysis on a nonwoven

16.30

End of the course

FACT FILE

WHO SHOULD ATTEND?

Process Engineers, Product Managers, Raw Materials Managers, R&D Managers, QA Managers, as they are likely to be involved with producers, suppliers, converters and brand retailers within the industry.

COURSE ORGANISER

This course is part of the *Nonwovens Learning Cycle™* jointly developed by EDANA and CETI.

COURSE TRAINERS

Guillaume Cambronne – Fibres Engineering Manager. Guillaume graduated from ENSAIT and joined CETI in 2016, now managing all fibres projects thanks to the complete Drylaid Nonwoven pilot platform and mechanical textile platform. He has acquired experience and expertise in fibres, transforming textile processes, product development and market analysis.

Thibaut Dedeurwaerder – R&D Project Manager. Thibaut obtained a Bachelor's Degree in innovative textiles from ENSAIT. He is now working at CETI as Project Manager on methods and industrial transfer. Thanks to a previous career in paper and printing industries, he has moved to the textile industry by passion to contribute to create tomorrow's textiles. Thibaut gained expertise in fibres, transforming textile processes and product development.

Moussa Benbalouli – Fibres Technician. Moussa is a highly experienced expert in carding nonwovens with over 30 years of hands-on experience in the industry. Throughout his career, he has worked at Andritz Asselin-Thibeau, where he held key roles as both a Machine Fitter and Chief Operator. Moussa joined CETI 12 years ago and is the technician in charge of the carding process.

LANGUAGE

The course language is exclusively in English.

METHODOLOGY

A course based on the combination of classroom training, information exchange and interaction with the R&D engineer and technicians. Use of different supports: video, pictures, samples, pilot equipment.

NUMBERS OF PARTICIPANTS

Each course is limited to 6 delegates for optimal interaction between the participants and the CETI staff during the course and the workshop on the platform in operation.

LEVEL OF THE COURSE

In order to fully benefit from this course it is recommended to have a good understanding of nonwovens manufacturing. It is recommended to attend the Nonwovens Essentials course before joining any of the advanced courses.

VENUE

CETI
41 rue des Métissages
F-59200 Tourcoing
(25 min by car from Lille City Center)

ACCOMMODATION

A list of recommended hotels is available on the EDANA webpage.

REGISTRATION FEE

The registration of all courses in The Nonwovens Learning Cycle™ is handled by EDANA.

Visit the EDANA website for more information about the registration fees. EDANA members benefit from a discounted rate.

For further information,
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For more information
about EDANA,
please visit our website:
www.edana.org

PLEASE NOTE

EDANA reserves the right
to change or cancel
this Training Programme