



# FUNDAMENTALS IN FILTRATION

TRAINING COURSE

**BRUSSELS**

**A 2-DAY TRAINING COURSE**  
on the Fundamentals of Filtration  
and the use of Nonwovens in that market

ORGANISED BY



## PROGRAMME

### DAY ONE

## FILTRATION

09.00

INTRODUCTION AND WELCOME  
NONWOVEN TECHNOLOGIES

Overview of nonwoven technologies (materials, formation, consolidation)  
with a focus on filter media

10.30

Coffee break

INTRODUCTION ON FILTRATION  
Definitions, dusts and basics

12.30

Lunch

FILTRATION THEORY  
The basics of filtration

15.30

Coffee break

AIR POLLUTION CONTROL  
A study on air pollution control: needs and solutions

17.30

Wrap-up and end of the day

### DAY TWO

## FILTRATION

09.00

STANDARDS ON FILTRATION  
Introduction and review of relevant standards

FILTER MEDIA CHARACTERISTICS  
Materials in relation to applications

10.30

Coffee break

INDOOR AND TRANSPORTATION APPLICATIONS  
Filters in HVAC, cars and trucks: fuel, oil, air and cabin air filtration

12.30

Lunch

CONVERTING OF FILTER MEDIA  
Overview of manufacturing technologies

15.30

Coffee break

CLOSING REMARKS  
WRAP-UP AND END OF THE COURSE

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## FACT FILE

### ORGANISED BY THE INDUSTRY FOR THE INDUSTRY

EDANA's "Fundamentals in Filtration Training Course" gives you a unique overview of all aspects of nonwoven filter media, including filtration principles, processes and applications.

The course will start with an overview of nonwoven raw materials and technologies, with special emphasis on those techniques that are especially useful in the various filtration domains. Next the basic filtration theory will be presented, followed by a more specific explanation about air filtration, air pollution control, and liquid filtration. After a comprehensive review of filtration standards, the course is concluded by a session about converting technologies.

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### WHO SHOULD ATTEND?

The aim of the course is to teach the basics of Filtration theory and of nonwoven filter media to professionals who have recently joined the filtration industry – and other nonwoven professionals interested in filtration as an application for their products.

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### COURSE ORGANISER

This training course is organised by EDANA. The association is sponsor of INDEX, the world's largest nonwovens exhibition. EDANA has over 300 members in over 35 countries.

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### COURSE TRAINERS

**Marines Lagemaat**, Scientific and Technical Affairs Director at EDANA, will host the course and deliver the training together with external expert

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### LANGUAGE

The course language is English. The trainers will speak clearly and make extensive use of visual aids, videos and samples. Active participation is encouraged from all delegates.

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### NUMBERS

Each course is limited to 20 delegates.

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### VENUE

The course takes place at EDANA, Avenue des Nerviens 85, 1040 Brussels, Belgium, if a minimum number of 10 participants is reached.

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### ACCOMMODATION

EDANA will provide hotel recommendations after registration.

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### REGISTRATION FEE

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

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### CERTIFICATE

After completing the training course, delegates are invited to take a short examination. If reaching the success target, they then receive a unique qualification certificate.

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### CONTACT

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**Please note** : EDANA reserves the right to change or cancel this Training Programme.