

# FILTRATION GROUP INDUSTRIAL ONLINE TRAINING

Product Training 2021

Our product training courses are made up of different topic modules. We offer our partners and customers custom-fit and customized training courses for a wide range of requirements. This enables us to optimally address the individual needs and knowledge of the participants. Even with different levels of knowledge or different areas of tasks in filtration, our participants can expand their knowledge in the direction you want.

## Module Overview

### Monday, 27<sup>th</sup> September – Automatic Filtration

09:00 – 09:15 a.m.	Welcoming
09:15 – 09:30 a.m.	All about Automatic Filtration
09:45 – 10:30 a.m.	Metal-edge filters – Robust scraper
10:45 – 11:30 a.m.	Back-flushing filters – Reliable cleaners
01:00 – 01:45 p.m.	Strainers – Timeless classics
02:00 – 03:00 p.m.	Automatic filters in use
END	Review of the day

### Wednesday, 29<sup>th</sup> September – Industrial Air

09:00 – 09:15 a.m.	Welcoming
09:15 – 09:30 a.m.	All about Industrial Air
09:45 – 10:45 a.m.	High-performance filter components
11:00 a.m. – 12:00 p.m.	Filter Systems for clean air
01:00 – 01:30 p.m.	Room air filter SilentCare – Silent and effective
01:45 – 02:30 p.m.	Efficient aerosol separators
END	Review of the day

### Tuesday, 28<sup>th</sup> September – Hydraulic Filtration

09:00 – 09:15 a.m.	Welcoming
09:15 – 09:45 a.m.	All about Hydraulic Filtration
10:00 – 10:45 a.m.	Hydraulic filters – The best performance under pressure
11:00 a.m. – 12:00 p.m.	Filter elements – Variety and quality
01:00 – 01:30 p.m.	Filtration technology
01:45 – 02:15 p.m.	Optimal filter design
END	Review of the day

### Thursday, 30<sup>th</sup> September – Separation and Service

09:00 – 09:15 a.m.	Welcoming
09:15 – 10:15 a.m.	Separation technology – Separation with system
10:30 – 11.30 a.m.	FG Service – Your reliable assistant
END	Review of the day

# FILTRATION GROUP INDUSTRIAL ONLINE TRAINING

## Product Training 2021

### Description of the Training Modules

In the following you will find a short description of the Automatic Filtration training.

#### Automatic Filtration – Monday, 27<sup>th</sup> September 2021

**All about Automatic Filtration** Are you looking for a device that automatically and without human action keeps your plants, systems, components or even the liquids in your company reliably clean and ready for use? Then the FG automatic filter is your success factor.

We are pleased to give you an insight into the product range of FG automatic filters and convince you that automatic is easy.

**Metal-edge filter – Sturdy scraper**

- For which liquids are FG metal-edge filters suitable?
- Where do the filters make sense to use?
- Can my special requirements be taken into consideration?

**Back-flushing filter – Reliable cleaners**

- How do FG back-flushing filters actually work?
- Which automatic cleaning option suits my operating conditions?

**Strainers – Timeless classics** Then and now, strainers are the filter of choice in industry and shipping. Simple and yet diverse.

We show you how simple divers can be.

**Automatic filter in use**

- In theory, things often seem quite clear. But what does it actually look like in practice?
- At which operating parameters do I use my automatic filter to its best advantage?
- How do I proceed if I want to remedy a malfunction or identify a spare part?
- Are there general inspection and maintenance guidelines?

# FILTRATION GROUP INDUSTRIAL ONLINE TRAINING

## Product Training 2021

### Description of the Training Modules

In the following you will find a short description of the Hydraulic Filtration training.

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#### Hydraulic Filtration – Tuesday, 28<sup>th</sup> September 2021

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<b>All about Hydraulic Filtration</b>	<ul style="list-style-type: none"> <li>• Why is there hydraulic lubricating oil filtration?</li> <li>• In which industries are the filters used?</li> <li>• For example, where can the filters be used and what are the advantages?</li> </ul>
<b>Hydraulic filter – The best performance under pressure</b>	<ul style="list-style-type: none"> <li>• What can our hydraulic filters do?</li> <li>• What new products are there?</li> <li>• Which services are controlled from Öhringen?</li> </ul>
<b>Filter Elements - Variety and Top Quality</b>	<ul style="list-style-type: none"> <li>• What information is required for the design of the optimum filter element and what does it mean?</li> <li>• How is a filter element comparably tested?</li> <li>• Which filter material is suitable for which application?</li> </ul>
<b>Filtration technology</b>	<ul style="list-style-type: none"> <li>• What are the performance characteristics of a hydraulic filter?</li> <li>• Which factors are relevant?</li> <li>• How can a hydraulic filter be optimally designed?</li> </ul>
<b>Optimal filter design</b>	<ul style="list-style-type: none"> <li>• How can you find and lay out our filters?</li> <li>• What does our filter catalogue look like?</li> <li>• Is there a filter calculation tool that simplifies the layout?</li> </ul>

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# FILTRATION GROUP INDUSTRIAL ONLINE TRAINING

## Product Training 2021

### Description of the Training Modules

In the following you will find a short description of Industrial Air.

#### Industrial Air – Wednesday, 29<sup>th</sup> September 2021

##### All about Air Filtration

Presentation of the product segment industrial air

- Why do we need air filtration in industry?
- Where and how are our air filters manufactured?

##### High-performance filter components

- What are the characteristics of our FG filter media and for which applications are they suitable?
- Which different FG filter elements do we offer and why are conical filter elements often used?
- How does FG manage to increase the lifetime of the filter elements by using special pleat spacing techniques?
- What are features of the unique FG cleaning units?

##### Filter systems for clean air

- How do our FG dust collectors work?
- What different types are available in the FG product portfolio and how do they differ?
- Why is explosion protection enormously important for filter systems?
- Which additional components are available to complete and optimise the filter systems?
- In which applications has FG already successfully used its own technology and how was the problem solved?

##### Room air filter SilentCare – Silent and effective

- How does FG create effective room air filtration of viruses, bacteria, pollutants and finest particles?
- What are the special product features, also in comparison to the competition?
- In which areas of application can the FG SilentCare room air filter be used?

##### Efficient aerosol separators

- Where and why is aerosol separation needed?
- What different filtration solutions are possible for this?
- What is the special feature of the FG product series LGA?
- What must be considered when laying out the units?

# FILTRATION GROUP INDUSTRIAL ONLINE TRAINING

## Product Training 2021

### Description of the Training Modules

In the following you will find a short description of Separation und Service.

#### Separation and Service – Thursday, 30<sup>th</sup> September 2021

##### **Separation technology – Separation with system**

###### Overview

- Are you looking for a device for the liquid-liquid separation of oil and water?
- We are in action in many industries with our standard devices and we are pleased to develop special solutions for your needs.

###### Technology

- How do FG de-oiling and de-watering units work?
- What can the technology achieve, where are the limits?

###### Product portfolio

- Which FG separation plants are suitable for which liquids and where does the use make sense?
- Can special customer requirements be taken into consideration?

###### Industries/applications

- What are our core markets so far and where do we see potential in the future?

##### **FG Service – Your reliable assistant**

All about the services for our product areas automation, air, hydraulics and separation.

- Maintenance
- Installation
- Commissioning
- Training/instruction

# FILTRATION GROUP INDUSTRIAL ONLINE TRAINING

## Product Training 2021

### Training Information

#### Date

- Course date: **Wk 39 – Monday, 27<sup>th</sup> September 2021 – Thursday, 30<sup>th</sup> September 2021**
- Course timetable:
  - Day 1: 09:00 a.m. – 11:30 a.m.  
01:00 p.m. – 03:00 p.m.
  - Day 2: 09:00 a.m. – 11:45 a.m.  
01:00 p.m. – 02:15 p.m.
  - Day 3: 09:00 a.m. – 12:00 p.m.  
01:00 p.m. – 02:30 p.m.
  - Day 4: 09:00 a.m. – 11.30 a.m.
- Place: Online Training with  
Filtration Group Industrial
- Participation: You will receive a registration confirmation  
and a link for participation from us!  
If you have further questions, please contact [verena.bender@filtrationgroup.com](mailto:verena.bender@filtrationgroup.com)