

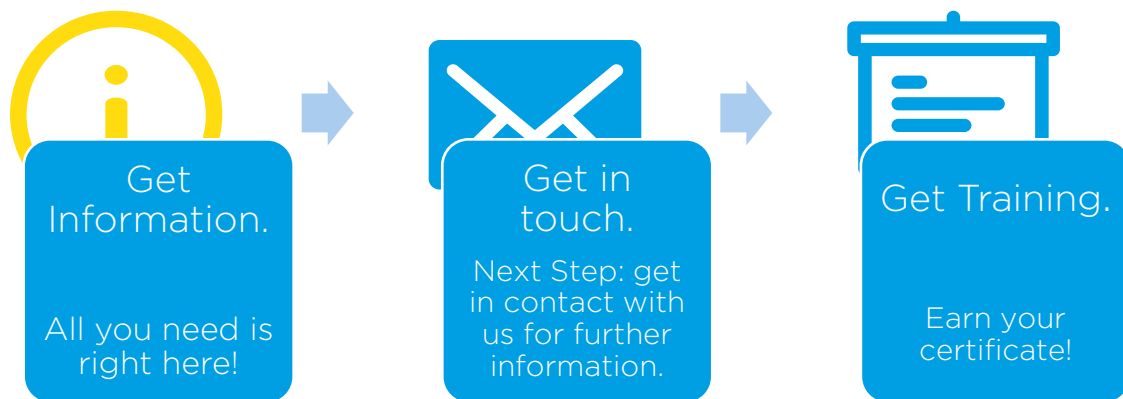
# TRAINING. NOTHING ELSE.



# INTRODUCTION

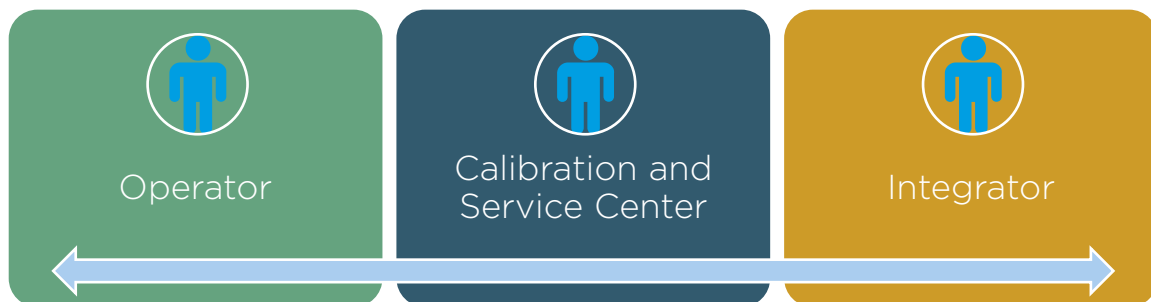
The best products require the best service and know-how to ensure optimal and reliable results. Only trained personnel following the official “MBV training program” can guarantee best quality for our customers. You can get your training in three easy steps:

## THE ACCESS



## THE AUDIENCE

We do offer a wide range of training for three different audiences. Please see the following chapter to get more information on what you learn, whom it is intended for, available products training, certification and how to register for such a training.



## THE PROCESS

Quality is an ongoing commitment. The quality of trained personnel is guaranteed with a recertification program. The official licence (certificate) is valid for one year and needs to be recertified annually. If a substantial update or change on an instrument was introduced in the meantime, a certified service provider will receive a refresher training. The refresher training can either be an online or in-house training depending on the complexity of technical changes.

# TRAINING FOR OPERATORS

Get a quick overview of all the trainings we provide. Your training is customizable, and we try to adapt as much as we can to meet your needs. Depending on the modules you choose the length of the training will be adapted. A module normally takes approximately ½ days.

## BASIC TRAINING



### What you will learn

- Get a basic introduction to the instruments of your choice.
- Basic guidelines on viable air sampling as part of an environmental monitoring program.
- You will be provided with an overview of main functionalities and be able to use the instrument for measurements.



### Who it is for

Operators who work regularly with MAS-100 instruments and would like to learn how to make their daily life easier. Knowledge gained in this course can be applied in any industry.

Prerequisites for this course are intermediate German or English language skills.



### Products trained

Our specialist will be able to explain every instrument to you.



### Certification earned

Get your “Certificate of Attendance” and know how to interact with the MAS-100 instruments in its proper and intended use.



### How to register

Please contact [service@mbv.ch](mailto:service@mbv.ch) for further information.

# ADJUSTMENT AND CALIBRATION TRAINING



## What you will learn

- Get an introduction on impaction-based microbial air sampling.
- Basic guidelines on viable air sampling as part of an environmental monitoring program.
- Know the difference between volume and mass flow.
- Learn about efficiency ( $D_{50}$  value) of a microbial air sampler.
- Learn about impaction speed calculation and standard liter conversion.
- How to qualify a MAS-100 instrument with MBV IQ/OQ documentation.
- Hands-on training on adjustment and calibration of an instrument.



## Who is it for?

Employees that work on a regular basis with or calibrate MAS-100 instruments and would like to learn how to make their daily life easier. Knowledge gained in this course can be applied in any industry. Prerequisites for this course are access to a calibration instrument and intermediate German or English language skills.



## Training modules available for the following instruments

- MAS-100 NT\* - Calibration + IQ/OQ
- MAS-100 Eco\* - Calibration
- MAS-100 ISO NT\* - Calibration + IQ/OQ
- MAS-100 ISO MH\* - Calibration + IQ/OQ
- MAS-100 VF\* - Calibration + IQ/OQ



## Certification earned

Earn your "Certificate of Competence" and learn about operation, calibration and IQ/OQ on any MAS-100\* instruments of your choice.



## How to register

Please contact [service@mbv.ch](mailto:service@mbv.ch) for pricing, dates and other terms and conditions and registration form .

# TRAINING FOR CALIBRATION LABS AND SERVICE CENTERS

Become a member of the MBV training program and take advantage of getting listed on [www.mbv.ch](http://www.mbv.ch) as a certified calibration and service provider. **Apply now** to [service@mbv.ch](mailto:service@mbv.ch)!

Our specialist will contact you for details of the service contract between you and MBV. Spare parts and maintenance parts are accessible to trained and certified companies or individuals.

The length of the training will be adapted to the modules you chose. We always try to adapt the content and length of the training to the participants' prior knowledge; therefore, length may vary. A module normally takes ½ days.

## TRAINING FOR CALIBRATION LABS

### What you will learn



- Get a basic introduction on impaction-based microbial air sampling.
- Basic guidelines on viable air sampling as part of an environmental monitoring program.
- Know the difference between volume and mass flow.
- Learn about efficiency (D<sub>50</sub> value) of a microbial air sampler.
- Learn about impaction speed calculation and standard liter conversion.
- How to qualify a MAS-100 instrument with MBV documentation (IQ/OQ).
- Hands-on training on adjustment and calibration of an instrument.

### Who it is for



Service specialist working for an organization that offers IQ/OQ and instrument calibration to customers. Prerequisites for this course are to have access to a calibration instrument and intermediate German or English language skills.

### Training modules available for the following instruments



- MAS-100 NT® - Calibration + IQ/OQ
- MAS-100 Eco® - Calibration
- MAS-100 ISO NT® - Calibration + IQ/OQ
- MAS-100 ISO MH® - Calibration + IQ/OQ
- MAS-100 VF® - Calibration + IQ/OQ

### Certification earned



Become a "Certified Calibration Center" and learn about operation, calibration and IQ/OQ of MAS-100® instruments of your choice. Your organization will be listed on [www.mbv.ch](http://www.mbv.ch) as qualified calibration center.



### How to register

Please contact [service@mbv.ch](mailto:service@mbv.ch) for further information.

# TRAINING FOR SERVICE CENTER

## What you will learn



- Get an introduction on impaction-based microbial air sampling.
- Basic guidelines on viable air sampling as part of an environmental monitoring program.
- Know the difference between volume and mass flow.
- Learn about efficiency ( $D_{50}$  value) of a microbial air sampler.
- Learn about impaction speed calculation and standard liter conversion.
- How to qualify a MAS-100 instrument with MBV IQ/OQ documentation.
- Hands-on training on adjustment and calibration of an instrument.
- How to maintain and repair MAS-100 instruments.

## Who it is for



Service specialist working for an organization that offer IQ/OQ, calibration, maintenance and repair to customers.

Prerequisites for this course are: have access to a calibration instrument, intermediate German or English language skills.

## Training modules available for the following instruments



- MAS-100 NT<sup>®</sup> - Service
- MAS-100 NT EX<sup>®</sup> - Service (Battery replacement)
- MAS-100 Eco<sup>®</sup> - Service
- MAS-100 ISO NT<sup>®</sup> - Service
- MAS-100 ISO MH<sup>®</sup> - Service
- MAS-100 VF<sup>®</sup> - Service

## Certification earned



Become a “Certified Service Center” and learn about operation, calibration and IQ/OQ and how to repair and maintain any MAS-100<sup>®</sup> instruments of your choice.

Your organization will be listed on [www.mbv.ch](http://www.mbv.ch) as a qualified service center.



## How to register

Please contact [service@mbv.ch](mailto:service@mbv.ch) for further information.

# TRAINING FOR SYSTEM INTEGRATORS



## What you will learn

- Learn how to properly test and verify the integration of MAS-100 Iso NT® and MAS-100 Iso MH® into your technical environment
- Customized information on instrument if needed.



## Who it is for

Technical personnel of organizations that integrate either MAS-100 Iso NT® or MAS-100 Iso MH® into their own solution (e.g. ampulla filling systems). Prerequisites for this course are: have access to a calibration instrument, intermediate German or English language skills



## Training modules available for the following instruments

- MAS-100 ISO NT® - Integrator
- MAS-100 ISO MH® - Integrator



## Certification earned

Become a “Certified System Integrator” and learn how to properly test your integration of MAS-100 Iso NT® and MAS-100 Iso MH® into your technical environment.



## How to register

Please contact [service@mbv.ch](mailto:service@mbv.ch) for individual appointments.