



MOTORTECH Topics of Training 2024

The Key to your Success!



**TECHNICAL
SERVICE**



ON SITE TRAINING



ONLINE TRAINING



MOTORTECH Topics of Training 2024

Basic Training

MODULE 1: BASICS

Introduction to gas engine technologies

- > General interaction between gas and engine as a propulsion fuel
 - ▷ Gas types
 - ▷ Gas production
- > Gas quality
 - ▷ Components for the interaction
 - ▷ Gas treatment
 - ▷ Gastrain/zero pressure regulator

Introduction to the MOTORTECH Product Range

- > Basic knowledge of the MOTORTECH MIC500 ignition control technology
 - ▷ Triggering/pickup
 - ▷ MIC500 – MIC4 differences
- > Getting to know the MOTORTECH product range
 - ▷ Ignition systems/AlphaRail wiring rails
 - ▷ Engine modifications
 - ▷ Ignition coils
 - ▷ Spark plug leads
 - ▷ Spark plugs
 - ▷ Tools and test equipment with practical application

Presence Training at the MOTORTECH Training Center

- 🕒 1 day (8:30 a.m.–4:30 p.m.)
- € 220.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 1 day (8:30 a.m.–3:30 p.m.)
- € 170.00 € net per participant
- ✓ Training materials

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- ✉ training@motortech.de



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Product Specific Trainings

MODULE 2: MIC Ignition Controllers & DetCon Detonation Control System

MIC Ignition Controllers

- > MIC3+ / MIC4 / MIC5
- > Setup and function of the ignition control units
- > MICT programming software with application examples
- > Practical product training or interactive examples on the engine simulator
- > Possible pickup errors
- > Application notes pickup
- > Troubleshooting MIC3+ / MIC4 / MIC5

DetCon20 – Detonation Control System

- > Set up and function
- > Interaction and integration
- > DetCon application notes for ignition control unit

PowerView3

- > Motor data visualization
- > Operating software Trend Viewer

Optional: Final test



Presence Training at the MOTORTECH Training Center

- 🕒 2 days (8:30 a.m.–4:30 p.m. each)
- € 440.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 2 days (8:30 a.m.–3:30 p.m. each)
- € 340.00 € net per participant
- ✓ Training materials

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📌 For the practical exercises it is necessary that each participant brings/keeps a laptop.

📌 **New Training Center Location:** Hunaeusstrasse 5, 29227 Celle



MOTORTECH Topics of Training 2024

Product Specific Trainings

MODULE 3: Mixture Control

VariFuel2, VariStep and VariStep3

- > Set up and function
- > MICT programming software
- > Zero adjustment and belt tension
- > Gas train requirements
- > Examples of the structure
- > Troubleshooting

Mixture control

- > Lean burning / fat burning
- > Control of exhaust gas and combustion chamber temperature

ITB – Throttle body with integrated stepper motor and SC100 speed controller

- > Set up and function
- > Interaction and integration
- > Troubleshooting

EmCon5

- > Mode of action and function
- > Interaction and integration
- > WinScope software with application examples

EasyNo_x – MOTORTECH-NO_x-Monitoring

- > Set up and function
- > Interaction and integration
- > EasyNO_x application instructions

Optional: Final test



Presence Training at the MOTORTECH Training Center

- 🕒 1 day (8:30 a.m.–4:30 p.m.)
- € 220.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 1 day (8:30 a.m.–3:30 p.m.)
- € 170.00 € net per participant
- ✓ Training materials

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Product Specific Trainings

MODULE 4: CHP and Genset Control for Beginners

Training Controls

- > Set up and function of the IneliSys Gas, AIO.GAS and AIO.NTC controls
- > New features of the IneliSys Gas Base Box, introduction to new products
- > IntelliMonitor/GenConfig user software (Basic knowledge for operator and user)

Presence Training at the MOTORTECH Training Center

- 🕒 ¾ day (8:30 a.m.–4:30 p.m.)
- € 160.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 ¾ day (8:30 a.m.–3:30 p.m.)
- € 130.00 € net per participant
- ✓ Training materials

MODULE 5: Basic and Advanced CHP and Genset Control

Training Controls

- > Set up and function of the IneliSys Gas, AIO.GAS and AIO.NTC controls
- > New features of the IneliSys Gas Base Box, introduction to new products
- > IntelliMonitor/GenConfig user software
- > AFR control/introduction to the current software
- > Elementary program (SPI, SPTM)
 - Basics
 - Advanced
- > Possibilities of communication
 - Basics
 - Advanced
- > Applications in the software
- > Power management, MINT applications
 - Basics
- > Screen editor for Vision Displays
 - Basics

Presence Training at the MOTORTECH Training Center

- 🕒 3 days (8:30 a.m.–4:30 p.m. each)
- € 660.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 3 days (8:30 a.m.–3:30 p.m. each)
- € 510.00 € net per participant
- ✓ Training materials

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Optional: Final test



📌 For the practical exercises it is necessary that each participant brings/keeps a laptop.

📌 **New Training Center Location:** Hunaeusstrasse 5, 29227 Celle



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Product Specific Trainings

MODULE 6: CHP and Genset Control – Additions to Module 5

Training IntelliSys Gas, AIO.GAS and AIO.NTC

- > Advanced Power management, MINT applications
- > Advanced Screen editor for Vision Displays with practical applications

Optional: Final test



Presence Training at the MOTORTECH Training Center

- 🕒 1 day (8:30 a.m.–4:30 p.m.)
- € 220.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 1 day (8:30 a.m.–3:30 p.m.)
- € 170.00 € net per participant
- ✓ Training materials

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❗ Prerequisite for participation is the successful completion of module 5 or demonstrable advanced knowledge of the contents of Module 5!

ℹ For the practical exercises it is necessary that each participant brings/keeps a laptop.

❗ New Training Center Location: Hunaeusstrasse 5, 29227 Celle



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Status Training

MODULE 7: Status Training

Status Training

- > Supplements/changes to products that have been published in the meantime via Sales & Service Bulletin
- > Technical presentation of new products that may have come onto the market in the meantime
- > Supplements/changes to the modules which may have occurred in the meantime due to renewals
- > Final test to achieve the gold status from the main topics modules 2, 3, 5 and 6



Presence Training at the MOTORTECH Training Center

- 🕒 2 days (8:30 a.m.–4:30 p.m. each)
- € 440.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

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📌 Prerequisite is already achieved silver status! Valid for 1 year.

📌 New Training Center Location: Hunaeusstrasse 5, 29227 Celle



MOTORTECH GmbH (Celle)

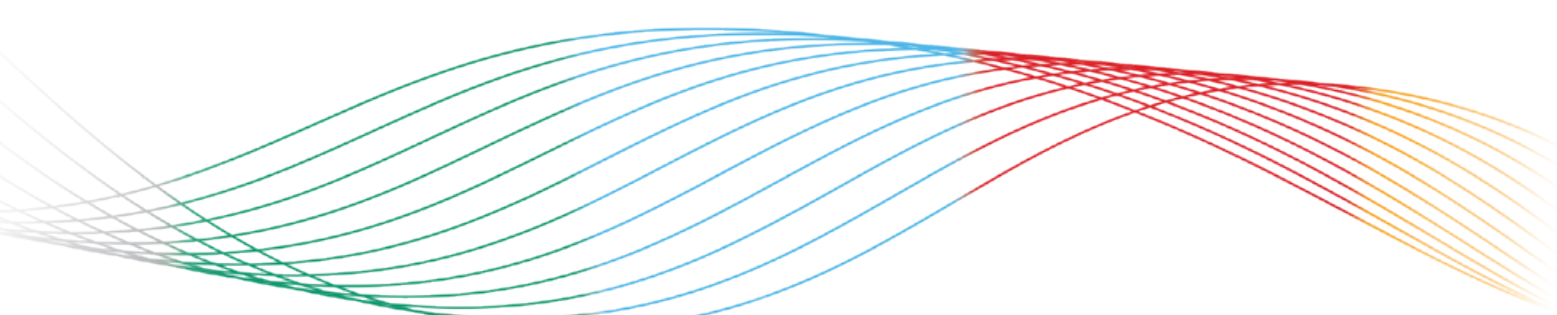
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GAS ENGINE TECHNOLOGY

