

## ■ Technical Training

# Module 3

## Mixture and Speed Control

In many countries, alternative fuels such as biogas have become an important way to produce electricity through the use of gas engines. Due to constantly changing gas quality or fluctuating BTU levels, the demand has risen for advanced methods to control mixtures.

### Key Topics Mixture and Speed Control

#### VariFuel2 – Air/Gas Mixer with VariStep and VariStep3

- Set up and function
- MICT programming software
- Zero adjustment and belt tension
- Gas train requirements

#### EmCon5 – Emission Control for Lean Burn Engines

- Set up and function
- Interaction and integration
- WinScope software with application examples

#### ITB – Integrated Throttle Valve with VariStep, VariStep3 and SC100

- Set up and function
- Interaction and integration

If possible, participants should bring a laptop for the practical exercises.

### Target Group

This course is geared to technicians, commissioning engineers and CHP operators who would like to gain a better technical understanding of the MIC ignition controllers and the DetCon20. Our experienced trainers are qualified service technicians who have thorough knowledge about the regular use of the components and provide support on-site on a daily basis.

### Objective

Upon successful completion of the training session, participants will be able to program this ignition controller series and put it into operation based on practical examples. They will also learn about the DetCon system structure and how it functions.

Final test to achieve the bronze or silver status from the main topics Module 3 to prove the acquired knowledge.



**Duration:** 1 day (8:30 a.m. – 4:30 p.m.)

**Price:** 220.00 € per participant  
(includes training materials, lunch snack, hot and cold beverages)

### MOTORTECH Service

Telephone: +49 5141 93 99 220  
E-Mail: [training@motortech.de](mailto:training@motortech.de)

