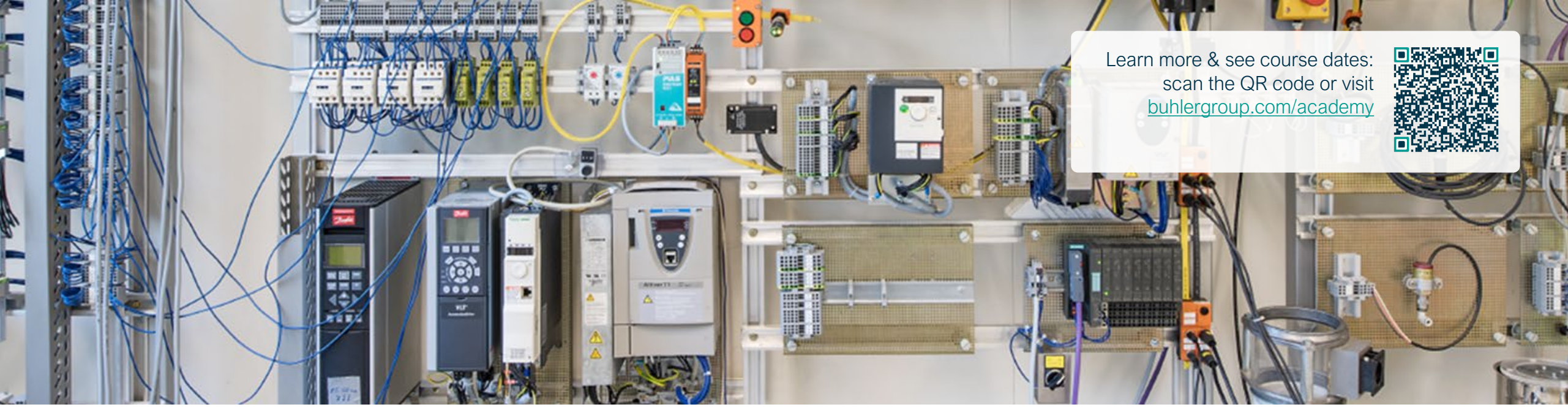


Learn more & see course dates:
scan the QR code or visit
buhlergroup.com/academy

Electrical maintenance

What you will learn

You will learn how to maintain the electrical installation of a grain mill efficiently - with respect to basic electrical maintenance, components and control units. But this isn't just theoretical training.

You will spend time at our fully operational school mill, where you will learn the best way to maintain electrical equipment, operate control units and find faults. You also have access to some of the latest milling machines for a close-up look at how they work.

Required skill level

Basic electrical and technical knowledge. This course is well-suited for electrical maintenance staff.

Price

CHF 2'200.00 per person / 1 week

What is included

- Invitation letter for visa application
- Hands-on access to some of the latest milling machines
- Practical experience at our fully operational school mill
- Printed training documents
- One social event with dinner
- Unlimited access to Wi-Fi and Internet

Bühler AG | Milling Academy, 9240 Uzwil, Switzerland | T +41 71 955 30 58, millingacademy@buhlergroup.com

Electrical maintenance
Detailed program

New ways of learning
Following this new trends there are also new ways of learning. Therefore, we provide the traditional paper documentation for our course participants but also the digital version of the training documents. For the use of this digital course documentation, the participants should bring their own device (BYO) for the training at the Milling Academy. We recommend to bring your personal type of laptop (Windows, Mac) or tablet (IOS, Android) with WLAN accessibility to be used during the training. Bring our own equipment and experience the new way of learning.

Monday

Welcome at the Milling Academy
- Formalities and administrative matters
- Bühler factory visit, including research centers

Weighing/dosing units
- Standard local control units: concept, operating, service
- Weighing and dosing units (different scales)
- Flowbalancer

Tuesday

Weighing/dosing units
- Mini- / Micro- differential dosing scale
- Practicals on control units, weighing and dosing units

Service and maintenance
- Products and options in service and maintenance

Wheat preparation
- Automatic moisture control systems

Sensors and actors
- Overview on actors and sensors in modern milling plants
- Technology, handling and maintenance
- Filter control units

Social event in the evening

Wednesday

Online control and supervision systems
- On-Line NIR measuring systems for flour / semolina, wheat
- Yield calculator

Roller mills
- Control unit for roller mill stands, electric details,
- Automatic roll gap adjustment, options onrRoller mill stands
- Frequency converter aspects to consider when investing in a plant or machines

Thursday

Automation overview
- Plant control system overview, concepts and solutions
- Decentral peripheries (WAGO IO-system)
- Installation technologies (ASi – System)

Visit to a flour mill

Friday

Specialties
- Plant control documentation in automation
- Practical in troubleshooting (Mill training centre)

Control system
- Maintenance organization
- Spare part management

Working hours

08.00 – 09.30 / 10.00 – 12.00
13.15 – 15.00 / 15.15 – 17.00

We reserve the right to adjust the schedule for organizational reasons.

Secure your seat now:
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