



**BAUER Training Center**

**Certified Partner**

# TRAINING COURSES



## BAUER Equipment Malaysia CENTER OF COMPETENCE

Contact Us for more information:

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Equipment  
Training

## ! WHY TRAINING IS SO IMPORTANT

- ✓ Reduction of Downtime
- ✓ Overall Efficiency and Productivity Improvement
- ✓ Maintenance and Troubleshooting will become systematic
- ✓ Equipment Reliability Increase
- ✓ Cost Reduction for Consumables
- ✓ Increase of the Lifetime of the Equipment

## Target Group Equipment Operators

### Operator Training for Drilling Rigs

Theory and Jobsite Training



**Duration:**  
4-5 days

**Prerequisites:**  
Work experience  
with BAUER  
equipment

**Price per person:**  
EUR 2,950.00 excl.  
tax (max. 5 persons)

**GOAL:**

You will increase your operating safety and improve the efficiency of equipment operation which will allow you to increase productivity and performance.

**CONTENTS:**

Work safety  
Equipment knowledge  
Equipment operation  
Equipment technology  
Drilling methods, drilling tools and soil mechanics  
Equipment documentation  
Maintenance of operational readiness

## Target Group Mechanics

### Mechanic Hydraulic – BASIC AND ADVANCED



**Duration:**  
2,5 days

**Prerequisites:**  
Understanding of  
machine technology

**Price per person:**  
EUR 950.00 excl. tax  
(min. 5 persons)

#### B 4-1 Basic Training Hydraulics

**GOAL:** You will obtain basic knowledge about the drilling rigs in the specialist area of hydraulics. As a result, downtimes are shortened, and costs are reduced.

**CONTENTS:**

- General
- What emerges pressure
- Pressure
- Pressure/force transmission
- Distance Transmission
- Pressure Transmission
- Oil flow/oil speed
- Pressure Drop

**Duration:**  
2,5 days

**Prerequisites:**  
Basic principles of  
hydraulic

**Price per person:**  
EUR 950.00 excl. tax  
(min. 5 persons)

#### B 4-2 Advanced Training Hydraulics

**GOAL:** You will obtain in-depth knowledge about the applied hydraulics/drive technology and the hydraulic control systems in the drilling rig. As a result, downtimes are shortened, and costs are reduced.

**CONTENTS:**

- Pumps
- EEP-Introduction
- Q-Meter principle
- Winches open circuit
- Hydraulic cooling system
- KDK Types
- KDK 385 S components

## Target Group Mechanics

### Electrical Engineering – 2 PARTS

GOAL: You will obtain basic knowledge about the drilling rigs in the specialist area of electrics/electronics.



#### Electrical Engineering Part 1

**Duration:**  
2,5 days

**Prerequisites:**  
Understanding of machine technology

**Price per person:**  
EUR 950.00 excl. tax  
(min. 5 persons)

**CONTENTS:**

Electricity  
Electric Voltage  
Electric Current  
Current Density  
Electric Resistance  
Ohm´s Low  
Measuring Instruments and testing Devices  
Measuring Electrical Measurements  
Basic Wiring

#### Electrical Engineering Part 2

**Duration:**  
2,5 days

**Prerequisites:**  
Basic knowledge of electrics/ electronics

**Price per person:**  
EUR 950.00 excl. tax  
(min. 5 persons)

**CONTENTS:**

Push buttons, switch, rotary switch  
Emergency-stop button  
Hoist limit Switch  
Proximity Switch  
Pressure Switch  
Level Switch  
Temperature Switch  
Limit Switch on rigs  
Fuse  
Diode

## Target Group Mechanics

### Advanced Electrical – 3 PARTS

GOAL: You will obtain in-depth knowledge about the drilling rigs in the specialist area of electrics/electronics. As a result, downtimes are shortened, and costs are reduced.



**Duration:**  
2,5 days

**Prerequisites:**  
Understanding of machine technology

**Price per person:**  
EUR 950.00 excl. tax  
(min. 5 persons)

#### CAN BUS DATA COMMUNICATION

**CONTENTS:**

- Communication in General
- Communication by Morse Code
- Dual Numbering system
- ASCII Code
- Transmission Speed
- CAN BUS in General
- Installation in General
- Signals
- CAN BUS Installations
- CAN BUS Schematic Exercise

**Duration:**  
2,5 days

**Prerequisites:**  
Basic knowledge of electrics/ electronics

**Price per person:**  
EUR 950.00 excl. tax  
(min. 5 persons)

#### General Electrical Information

**CONTENTS:**

- Electrical Welding
- Jumpstart or Boost
- Hazards and Effects of electric current
- After-treatment of Exhaust Gases Tier IV final Diesel Engine

**Duration:**  
2,5 days

**Prerequisites:**  
Basic knowledge of electrics/ electronics

**Price per person:**  
on request  
(min. 5 persons)

#### Electrical Welding

**CONTENTS:**

- Introduction
- Arc Welding
- Welding Circuit
- Safety Instruction