



MobileTrain

Fundamentals of AC, DC and
Three-Phase Electrical Systems

Industrial Maintenance and
Technician Trainer



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The MobileTrain system is an advanced, portable training solution designed to introduce learners to the fundamental principles of electrical circuits, covering direct current (DC), alternating current (AC), and three-phase power (3P). It provides a comprehensive, high-quality, and cost-effective way to efficiently teach essential electrical concepts and circuit analysis.

Real Experience Learning with Hands-On Tasks such as:

- Electrical circuits in direct current (DC), alternating current (AC) and three-phase (3P)
- Ohm's law
- Kirchhoff's voltage and current laws
- Using measuring instruments (voltmeters, ammeters, ohmmeters, oscilloscope, etc.)
- Resistors, inductors, capacitors
- Series and parallel circuits
- Circuit Analysis
- Circuit Protection Devices
- Electromagnetism
- Electrical distribution
- Voltage Dividers
- Power sources
- Relays, switches and contactors
- Transformer Sizing and Types
- Principles of Electric Motors
- Troubleshooting of electrical circuits (accessible via lockable switch box)



Order no. CO5127-4A7

This system is perfect for technical instructors to teach students practical knowledge of the fundamentals of electrical systems and circuits. Whether for vocational training, classroom instruction, or industry-specific applications, MobileTrain offers an intuitive and engaging learning experience.

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STAY INFORMED!



Real Experience Learning