

Core Maintenance Skills Training

Blueprint Reading

Electrical and Mechanical



Electrical and Mechanical Maintenance Skills

Core electrical topics:

- Fundamentals of Electricity
- Magnetism
- Alternating Current
- Resistors
- Inductors
- Capacitors
- Basic Circuits
- Grounding
- Terms and Diagrams
- Testing and Measurement Equipment



Core mechanical topics:

- Fasteners
- Torque
- Bearings
- Seals
- Gears
- Lubrication
- Couplings
- Belt Drives and Chain Drives
- Clutches and Shafts

Fluid Power Systems

- Hydraulics and Pneumatics
- Motors
- Compressors
- Pumps
- Actuators



Motor Control

- AC and DC Motors and Controls
- Electrical, Electronic, VFD, and Drives

Measuring Devices (Electrical and Mechanical)

- Dial Indicators
- Micrometers
- Vernier Calipers
- Steel Rule
- Multimeters



For customized training contact:
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