



SKILLZYNTM
ACADEMY
Empowering Skills

Build Skills
Build Your
Future



Skillzyn Academy
Career - Focused Training Programs

 www.skillzyn.com

Your Pathway to Career Success Starts Here.

Skillzyn Academy is a professional skill-development institute dedicated to bridging the gap between education and industry. We focus on practical, career-oriented training that empowers students to become job-ready in high-demand sectors. Our programs combine expert faculty guidance, hands-on learning, and internship support to help learners build strong career foundations.

Our Mission

At Skillzyn Academy Private Limited, our mission is to empower students with industry-relevant skills that bridge the gap between education and employment.

Why Choose Skillzyn?

Industry-oriented training

Practical learning + internships

Expert faculty & real-world projects

Placement assistance

Globally relevant skills



Programs We Offer

Choose Your Career Track

- **Healthcare Management & Administration**
- **Diploma in Civil Construction Management**
- **Logistics & Supply Chain Management**
- **Human Resource Management & Industrial Relations**
- **Diploma in Food Safety & Quality Management**
- **QA / QC (Mechanical, Civil, Electrical)**
- **Aviation & Airport Management**
- **Banking & Financial Management**
- **Accounting & Taxation**
- **Fire and Safety**
- **Digital Marketing**
- **NDT Level II**
- **Oil and Gas Operations**
- **Electric Vehicle (EV) Design**
- **Montessori Teacher's Training**



QA | QC Electrical

Duration

3 Months | 6 Months

Qualification

Plus Two & Above

Certification

(CTDS), Skillzyn

The QA | QC (Electrical) course at Skillzyn Academy Private Limited is designed to equip students with the technical knowledge and practical skills required for quality assurance and quality control roles in electrical engineering projects. The program focuses on electrical quality standards, inspection and testing procedures, safety compliance, documentation, and adherence to project specifications and regulatory requirements.

Career Opportunities ?

Electrical QA/QC Engineer

Electrical Quality Control Inspector

Site Electrical Quality Engineer

Testing & Commissioning Engineer

Electrical Project Quality Engineer

QA/QC Documentation Engineer

Electrical Quality Auditor




Benefits of

QA | QC Electrical

-  **High Demand Across Industries**
Strong demand in construction, power, manufacturing, and industrial projects..
-  **Excellent Career Progression**
Growth from site QC roles to QA/QC Engineer, Lead Inspector, and Quality Manager positions.
-  **Attractive Salary Packages**
Competitive pay with project-based incentives and overseas opportunities.
-  **Wide Project Exposure**
Experience in residential, commercial, industrial, and infrastructure electrical works.

Course Module

-  **1. Introduction to QA | QC (Electrical)**
 - » Quality concepts in electrical engineering projects
 - » Roles and responsibilities of QA/QC professionals
 - » Project quality objectives and compliance
 - » Career pathways in electrical QA/QC

2. Electrical Drawings & Specifications

- » Interpretation of electrical layouts and schematics
- » Single line diagrams (SLD)
- » Specifications, BOQ, and method statements
- » Quality checks against drawings

3. Quality Management Systems & Electrical Standards

- » ISO 9001 quality management system
- » Electrical standards and codes (IEC, IS, IEEE, NEC)
- » Quality documentation and audit requirements
- » Regulatory compliance

4. Electrical Materials & Equipment Inspection

- » Cables, panels, transformers, and switchgear
- » Material approval and incoming inspection
- » Storage, handling, and traceability

5. Installation Quality Control & Site Inspections

- » Cable laying, termination, and jointing inspections
- » Earthing and lightning protection systems
- » Inspection and test plans (ITP)
- » Site quality checklists

6. Testing & Commissioning Procedures

- » Insulation resistance and continuity testing
- » High-voltage and functional testing
- » Pre-commissioning and commissioning checks
- » Test reports and approvals

7. Electrical Safety, Risk Assessment & Compliance

- » Electrical safety standards and PPE
- » Hazard identification and risk assessment
- » Permit-to-work systems
- » Statutory inspections and approvals

8. Documentation, NCR & Corrective Actions

- » Quality records and document control
- » Non-conformance reporting (NCR)
- » Root cause analysis and CAPA

9. Industrial Practices, Audits & Career Development

- » Internal and external quality audits
- » Case studies and practical exposure
- » Interview preparation and career guidance
- » Placement assistance and professional development

Build **Skills** Build Your Future



Start Your
Skill Journey Today !



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