

Yassine LAOUINI

Test Equipment Engineer | Process & Electrical Testing Specialist



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Kenitra

Professional Summary

Results-driven with 8+ years of experience in electrical testing and test equipment planning for automotive clients (Mercedes, Ford, Nissan). Strong expertise in electrical testing program preparation, fault analysis, and process automation to ensure high-quality production. Skilled in C#, Python, and SQL for test automation, with a deep understanding of network systems and industrial testing.

Work Experience

Lead Process & Testing Equipment Engineer

YAZAKI, KENITRA | 2023 – Present

- Lead a team of **9 technicians** to prepare programs and optimize electrical testing processes in all projects in the plant.
- **Ensure that electrical test equipment process** meet quality standards.
- **Ensure test systems are operational** and aligned with client specifications.
- **Analyze test data** to identify failures and optimize performance.
- **Collaborate with a cross-functional team** to implement engineering changes.
- **Implement process improvements** to reduce defects and downtime.

Electrical Test technician

LEAR, TANGIER | 2018 – 2023

- **Prepare electrical test programs** and implement changes.
- **Define and specify necessary test equipment** (Technical specification).
- **Develop desktop applications and macros** for automation (*Label Print, Machine Book, Poka-yoke Matrix*).
- Participate in **quality complaint analysis** and root cause investigations.

Electrical Test technician

YAZAKI, KENITRA | 2016 – 2018

Skills

Testing & Process Automation

- Programming of electrical test equipment
- Automated Test Scripts (C#, Python, SQL)
- Data Analysis for Test Optimization
- Fault Diagnosis & Troubleshooting
- Test Systems Validation
- Preparation of electrical test specifications

Networking & System Administration

- Windows | Cisco | Firewall | Wireless | OSPF
- Network Security & Troubleshooting
- VMware Workstation & Virtualization

Programming & Development

- C# | PHP Laravel | Livewire | HTML | CSS
- SQL | MySQL | SQLite | API Development
- Git | GitHub | VS Code | PHP Storm | Visual Studio

Server & Infrastructure

- Windows Server | Active Directory
- Apache | Nginx
- Fedora | CentOS | Ubuntu

Maintenance & Troubleshooting

- Incident Resolution & Root Cause Analysis
- System Upgrade

Education

Master's Degree in Systems, Networks & Security

ENSI, TANGIER | 2019 – 2021

Technician Specialized in Computer Systems & Network

ETIGE, MEKNES | 2013 – 2015

IT & Network Maintenance technician

OFPPT, MEKNES | 2011 – 2013

Certifications

- Cisco Certified Network Associate (CCNA) 200-301

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