## Muhammad Adnan Zulfiqar

Electrical and Electronics Engineer – PEC# ELECTRO/18163

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# Career Summary

Results-driven Electrical and Electronics Engineer with over 14+ years of experience specializing in analytical, scientific, and quality control equipment. Skilled in project management, installation, method validation, calibration, and troubleshooting. Proven ability to handle complex service requests while ensuring compliance with ASTM and ISO standards. Strong leadership and organizational skills with a consistent record of meeting project deadlines, maintaining budgets, and ensuring customer satisfaction. Seeking to leverage technical and managerial expertise to contribute to organizational success.

# Key Strengths

* Installation & Commissioning
* Method Validation & Compliance (ASTM, ISO)
* Calibration & Standardization
* Preventive Maintenance & Troubleshooting
* Repair & Maintenance
* Team Leadership & Project Coordination
* Sales & Service Management

# Technical Skills

* Analytical Equipment: FPLC, HPLC, AAS, DSC, ICP-MS
* Specialization: Polymer, Oil, Gas, and Lubricant Testing Equipment
* Calibration & Standardization: Instrument calibration, accuracy checks, traceability management
* Maintenance: Preventive and corrective maintenance planning and execution
* Documentation: Project proposals, budgeting, maintenance logs, and technical reports

# Professional Experience (14+ Years)

**Senior / Divisional Biomedical Engineer (BPS-18):**Health and Population Department, Government of Punjab  
May 2024 – Present  
• Lead biomedical engineering projects ensuring compliance with technical and safety standards.  
• Oversee installation, commissioning, and preventive maintenance across healthcare facilities.  
• Manage vendor coordination, documentation, and service quality assurance.

**Service Engineer/Manager Services:**Rizvi & Co., Lahore  
May 2013 – May 2024  
• Installed, serviced, and maintained advanced analytical and environmental instruments.  
• Conduct training to end users on instrument operation, sample preparation, and analysis methods.  
• Managed preventive maintenance schedules and resolved equipment faults efficiently.  
• Prepared technical proposals, maintenance reports, and client communication documents.

**Equipment Technician (BPS-16):**Fisheries Research & Training Department, Government of Punjab, Lahore  
July 2012 – May 2013  
• Provided technical support and preventive maintenance for laboratory instruments.  
• Maintained calibration standards and documented maintenance and repair activities.

**Service Engineer:**Chishty Traders, Lahore  
March 2011 – July 2012  
• Installed, troubleshooted, and repaired laboratory and biomedical instruments.  
• Assisted in preparing project bids, proposals, and service quotations.

# Roles & Responsibilities:

* Project Management: Plan, coordinate, and execute equipment installation and service projects.
* Compliance: Ensure adherence to ASTM, ISO, and safety standards.
* Training: Conduct end-user training on operation, maintenance, and QC protocols.
* Preventive Maintenance: Develop and implement maintenance schedules to minimize downtime.
* Calibration & Documentation: Maintain accurate calibration logs and certification records.
* Technical Proposals: Prepare project bids, cost estimates, and technical documentation.

# Education:

**MS Electrical Engineering**  
The University of Lahore – Pakistan

**BS Electronics Engineering**:  
Sir Syed University of Engineering & Technology (SSUET) – Pakistan

# References:

Available upon request.