

Sikandar Ayaz

Electrical Engineer

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Summary

Over 2 years of professional experience Electrical Engineer (MEP) in the field of the construction industry. Started my career as a team player and learnt team building, developed a growth mindset. Apart from that have been developed MEP designing and drafting skills and involved in the training and workshops.

I am looking forward to connecting with the organization to design or manage the execution of the MEP projects where my skills, education, extensive training, and years of experience can be fully unitized, and emotional intelligence along with the awareness of different cultures which helped me evolve as a team leader.

Professional Experience

Electrical Engineer (MEP)

January 2019 – March 2021

ZKB & Reliable (J.V)

Project: PKLI (Pakistan Liver Kidney Institute, Lahore)

Client: IDAP (Infrastructure Development Authority Punjab)

Responsibilities' & Achievements:

- Ensures that all the works done are under the approved coordination drawings, project specifications, and all applicable standards
- Allocating resources as per the schedule to achieve targeted dates for the completion of the project
- Making of IPC's to be submitted and bills of Sub-contractors
- Making of the as-built shop drawing
- Follow up the test and inspection schedule
- Supervise, direct and coordinate the activities of all engineers and other assigned personnel.
- Maintain such communications and relations as are necessary to report on the status of matters requiring action and to ensure that corrective action is planned and undertaken
- Coordinate with third-party representatives as necessary.
- Work closely with outside inspection and overhaul contractors and provide them with all necessary support.
- Plans the implementation of all Electrical related works and coordinates the works to mechanical and civil groups.
- Submits site reports, inspection requests, drawings, material submittals and all applicable monitoring reports on regular basis or as required.
- Material take-off for Drawings of Electrical systems (Power, Lighting, Low Current, Telephone, Fire alarm, lightning Protection, IPTV, Data, CCTV)
- Work closely with outside inspection and overhaul contractors and provide them with all necessary support.
- Determine and schedule the manpower requirements for each maintenance activity.
- Control maintenance operations and take any necessary corrective action to ensure compliance with approved plans
- Develop and guide the implementation of work safety procedures and practices.
- Together with the HSSE department, ensure that safety rules and regulations are fully explained to plant employees/contractor staff and appropriate safety and protective equipment is worn

Visa status: Visit

Skills & Endorsement

Soft Skills

- Communication
- Supervisory
- Learning
- Team Player
- Technical Problem-Solving

Technical/Computer Skills

- AutoCAD
- Revit (MEP)
- Etap
- Sketchup
- MS Word
- MS Excel
- MS Power Point
- PVsyst
- Helioscope
- 30 WPM Typing speed

Abilities

- MEP Drafting
- MEP Design
- Solar Power Drafting & Designing
- As-built Drafting

Languages

- English (Read, Write, Speak)
- Urdu (Native)

Training & Certificates

- Pakistan Engineering Council (PEC)

- Supervised the installation, testing, and commissioning of low voltage switchgear including transformer, Low voltage panels, Bus Tie Ducts, Distribution Boards, etc.
- Examined installations and observed operations to ensure conformance to design and equipment specifications, and provided technical assistance to field personnel in the areas of Motor Control Centers of Fire Fighting Pumps, HVAC Pumps, AHU's, Fans, etc.
- Supervised the installation of extra low-voltage systems including Fire Alarm System, CCTV a System, Public Address System, Data Network & WIFI System, Building Management System (BMS), and Intelligent Building Automation system (IBAS)
- Supervised installation of Grounding & Bounding for Electrical System and Facility Lightning Protection System Bare Copper, Earthing Mesh, Chemical Enhanced Earth and ECP Boxes
- Supervised the installation of 6 nos. of 11 kV Diesel Generators of 2000 kVA each.
- Supervised the installation, testing, and commissioning of 5 nos. of 11 kV Feeders from Grid Station to Sub-Station including 51 nos. of Medium Voltage Panels.

O & M Engineer

1 May 2021 - 30 Nov

Reon Energy Limited

Responsibilities and Achievement:

- Managing operation and maintains of 1MW Grid-tied plant
- SCADA Monitoring
- Inspection and Cleaning management of plant panels
- Daily and monthly reports
- Finding the root cause of inverter
- Fair relation with the client
- Negotiating and persuading to people from diverse backgrounds present at the project site and also implementation all HSE rules.

Internship:

Thermal Power Plant Muzaffargarh(1350MW)

Responsibilities and Achievement:

- Learning Atmosphere
- Daily base visit of running plant with Engineers.
- Examine the system and Switchyard on daily basis
- Observe the whole system working like alternator and Turbine

- Practical Power System Protection Design & Coordination-ETAP Training Course
- Electrical Building Design

Achievements

- Public relations head at literary society GCUF (Teamwork & Team leading skills)

Reference

- Reference will be furnished on demand

Education

Bachelor of Electrical Engineering

2013-2017

Government College University, Faisalabad

Graduation Project: Android based home automation control