

# MOHAMED ADAM M

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## ELECTRICAL ENGINEER

### SUMMARY

Electrical Project Handling along with proficient team leadership. Smooth handling right from Installation to Commissioning of project with excellent Documentation work. Deft in handling of all Electrical & Electronics related drawings. To provide and ensure excellent engineering services for good quality work.

### CAREER OBJECTIVE

- Electrical Project Engineering, Erection & Inspection, Supervision, Testing & Commissioning.
- Provide assistance for preparation of Electrical layout, SLD, Schematics and load schedule
- Execution of all Electrical & Instrument installation related jobs for Construction and Process Plant / Thermal power Plant/ Cement plant/ Fertilizer Industry.
- Erection and Installation work of Electrical conduit, wiring LT & HT panels, Switch Gear & Electrical system in High rise and Residential Building Project.
- Supervise the Testing Team from erection until that Process commissioning. Signal Checking of all Instrumentation Equipment through PLC & Loop check between SCADA and DCS.
- Familiar with relay setting software with a Field Data collection in HV Transmission National Grid\_KSA & maintaining a data in Asset Management by using German software.
- Supervise the cable Tray Erection work (Power & Control), Cable Lay, Glanding work and termination work in Panel & field side.
- Electrical Equipment Testing, Transformer, Megger, Motor Test, Earth Resistance Test, Knee-point Voltage, Hi-Pot Test, Relay and T&C in 400 KV and 132 KV Substation.
- Handling the manpower, materials, Quality of work and coordinating with client & sub-contractor for the timely completion of work.

### EXPERIENCE SUMMARY

#### ➤ Total Work Experience – 6 years

##### ❶ IPS Energy ME DMCC , Jumeirah Lake Tower \_Dubai

Nature of work: Asset Management in Electrical power systems by using Field Data collection software in HV Transmission Relay at National Grid\_ Saudi Arabia. Data implementation, Validation and Asset management  
Job Position: Protection Engineer

##### ❶ Sunisland Contracting LLC, Dubai\_UAE

Nature of work: Architecture & Shop drawing review and follow up Material & Shop drawing submittals, RFI, IR, Method Statement. Supervision, Erection and T&C of Electrical Panel, Generator, Switch gear & all Equipments.

**Job position:** Site Electrical Engineer

**❶ Voltech Infrastructure Private Limited**

Nature of work: LV&HV Erection and Installation work, Instrumentation Signal Checking, Testing and Commissioning of 400 KV substation.

**Job position:** Electrical Engineer (Project Division)

**❷ Indian Oil Tanking Engineering Projects Limited**

Nature of work: Erection, Installation, Testing and Commissioning in Switch Gear.

**Job position:** Testing and Commissioning Engineer

**❸ Auromin Instrumentation Private Limited ( June'2010)**

Nature of work: Erection, Testing & Commissioning work in 33 KV Switch Gear.

**Job position:** Junior Electrical Engineer (Project Division)

**JOB PROFILE**

**Project : B+G+8+Roof Retail and Residential Building, International City\_Dubai**

- Coordinate with all Electrical, Plumbing & HVAC Engineers, Fire Fighting and MEP subcontractors to complete work in accordance with program requirements.
- Architecture & Shop drawing review and follow up Material & Shop drawing submittals,RFI,Site Inspection request,Document Submission and Method Statement.
- Supervise all Electrical DB fixing work, conduit,SMDB,MDB and cable tray work.
- Technical support with client and consultant & coordinate with all services.

**Project : Water Treatment Plant, Sewage Treatment Plant and RWTP**

- Erection and Installation of conduit GI/PVC,Wiring of LT&HT panels,Tray/Trunking and signal checking through PLC (Schneider,ABB).
- Ensures that tests and inspections are performed and documented in accordance with project procedures. And submitting test reports to the client, Such as
  - (i) Loop Checking for Control cables and Instrument cables from SCADA to DCS.
  - (ii) Insulation resistance test (MEGGER) for power cables
  - (iii) High voltage test (HI-POT Test) for LT & HT Cables and Maintains a daily log for the permanent record of project Execution.
- Familiar with Relay setting software like DIGSI 4(Siemens) and PCM 600(ABB).
- MCC & PMCC Panel charging and Manual/Auto commissioning of Treatment Plant.

**Project : Lafarge Cements India Private Limited**

- Testing of all Instrumentation Equipment in Cement Plant and signal Checking to DCS.
- Commissioning of Instrumentation Package viz., Pneumatic Valve (ON-OFF, Control,Solenoids),Dampers,RTD,Thermocouples,Switches(Pressure,Level,Flow) Transmitters (Pressure, Level, Flow, Temperature),Vibration Transmitters.
- Provide a Client support to Electrical Panel Charging until that Commissioning.

**Project: Reliance Cement Company Limited**

- Supervise the Electrical Testing Team and Commissioning of all Electrical activities.
- Troubleshooting & Testing includes Scheme Checking, Equipment Test, Hi-Pot Test, Knee-point Voltage Test, Relay test in 400 KV Substation.

### **Project: Ammonia Synthesis Gas Generation Plant, Gujarat**

- Electrical Equipment Testing, Breaker, Relay, Megger, Motor Test, Earth Resistance Test, Knee-point Voltage, Hi-Pot Test and T&C 33KV Switch Gear.
- Provide assistance for Loop check between SCADA and DCS Systems.

### **Project: 1\*10 MW Thermal Power Plant**

- Erection of Ladder Type cable Tray and Perforated type cable Tray work for power and Control cables, Instrumentation cables in power plant.
- Power & Control Cable Lay work, Glanding and Termination work and Testing & Commissioning work of various Sub-Station equipments.

## **ACADEMIC SKILLS AND ELECTRICAL TRAINING**

### **Skill Sets:**

- MATLAB/Simulink.
- Asset Management/Field Data Collection in HV Transmission
- MS Office, Diploma in Computer Applications, Diploma in Embedded Programming.

### **Electrical Training Course:**

- Undergone a Full time course “RELAYS, CIRCUIT BREAKERS AND SWITCH GEAR PROTECTION” from Advanced Training Institute (Indian Government), Chennai.
- Undergone a Full time course “MAINTENANCE OF MOTORS AND POWER TRANSFORMERS” from Advanced Training Institute (Indian Government), Chennai.
- Undergone a Full time course “ELECTRICAL SAFETY AND FIRST AID” from Advanced Training Institute (Indian Government), Chennai.

## **EDUCATIONAL QUALIFICATIONS**

- Master of Engineer in Power Systems with First Class from Velammal Engineering College, Chennai (**Anna University-Chennai**) in 2012.

## **PERSONAL DETAILS**

<b>Designation</b>	:	Electrical Engineer.
<b>Date of Birth</b>	:	20 <sup>th</sup> Mar, 1988.
<b>Nationality</b>	:	Indian.
<b>Current Location</b>	:	Dubai, UAE
<b>Passport No.</b>	:	J0154439 (Valid till 28.05.2020).
<b>Languages Known</b>	:	English, Hindi, Malayalam and Tamil.
<b>Skype Id</b>	:	adambharuch
<b>Visa type</b>	:	Employment Visa (cancelled)

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