**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**

 **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

 **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

#  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)

#  Indian Oil Tanking Engineering Projects Limited

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

**Job position:** Testing and Commissioning Engineer

 **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
  1. Loop Checking for Control cables and Instrument cables from SCADA to DCS.
  2. Insulation resistance test (MEGGER) for power cables
  3. 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

**Designation** : Electrical Engineer.

**Date of Birth** : 20th Mar, 1988.

**Nationality** : Indian.

**Current Location** : Dubai, UAE

**Passport No.** : J0154439 (Valid till 28.05.2020). **Languages Known** : English, Hindi, Malayalam and Tamil. **Skype Id** : adambharuch

**Visa type** : Employment Visa (cancelled)

**[ MOHAMED ADAM M]**