# **ABDUL RAHMAN**



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**ELV System** 

FLS System

**HVAC System** 

MEP Testing and Commissioning

**Commissioning Management** 

# PERSONAL DETAILS

: 22/01/1995 Date of Birth

Nationality : Indian

**Passport** : M6502527

Driving Licence: Yes, UAE

## LANGUAGES

English

Hindi

Tamil

Malayalam & Urdu

## **OBJECTIVE**

Electrical Engineer with an overall experience of 5+ Years in Data Center Projects, High Rise Building Projects and Power Plant Operation Projects.

**EDUCATION** 

**Anna University** 

2012 - 2016

**Electrical & Electronics Engineering** 

# PROFESSIONAL HISTORY

2024 - Present - Commissioning Inspector - AESG, KSA & UAE

2021 - 2024 - Commissioning Engineer- ReefTech Services LLC, UAE.

2019 - 2021 - Commissioning Engineer - Sutton International LLC, UAE.

2018 - 2019 - Facility Maintenance Supervisor, CBRE, India.

2016 - 2018 - Control Room Operator & Maintenance Supervisor, VGTPS. India

### • PROJECTS

Diriyah Gate Development Project, KSA

Apollo Data Center & Retro Fit, Abu Dhabi, UAE

IRIS Data Center & Retro Fit, Abu Dhabi, UAE

Etisalat Data Center, Dubai, UAE

Moro Data Center, Dubai, UAE

Khalifa Data Center, Abu Dhabi, UAE

Sea World, Abu Dhabi, UAE

Burj Royale Residential Building, Dubai, UAE

## CERTIFICATE

- 1. Commissioning Specialist Association (CSA)

Individual Membership of CSA - Grade 3

- 2. Clear Construction

Continuing Professional Development

- 3. TANGEDCO, Tamil Nadu, India.

Certificate in Power Transmission and Distribution at Switchyard Control

#### **AESG - Project Development Consultant**

2024 - Present

- 1. Commissioning Inspector
  - Manage & supervise the commissioning of various systems including LV systems and ELV systems.
- Review method statements, test procedures and checklists for all MEP Services.
- Prepare CAS (Commissioning Activity Schedules) to track, monitor commissioning progress for all MEP systems.
- Review FAT documents, Cx method statements & test sheets, shop drawings, and Technical Submittals.
- Manages directly to consultants and provides engineering and technical support to contractors related to MEP works.
- Witness Pre-Commissioning and Commissioning testing of the MEP systems
- Review O&M manuals for MEP Systems.

#### REEFTECH Services LLC, UAE

04/2021 - 10/2024

2. Commissioning Engineer

Job Responsibilities

- Responsible for Installations and Testing and Commissioning in a Data Centre and High Rise Building Project.
- Installation and Commissioning of ELV system Including Access Control System, BMS, PLC, DCIM, CCTV, Emergency Lighting System, Lighting Control System at different data centre project.
- Testing and Commissioning of all Electrical systems including 33Kv MV switchgears, LV panels, Transformers, Generator, Capacitor banks, MV and LV cables, UPS system, DC charger, Distribution Boards, Bus bar, Earthing and Lightening Protection, Lighting system & Battery Management System.
- Testing and Commissioning of Mechanical system Including IRU, FWU, Chillers, Heat Load Test, Chilled Water SAT, Pumps, Air & Water Balancing at different data centre project
- Testing and Commissioning of Fire System including Cause and Effect, Fire Alarm System, Fire Extinguisher System, Fire Fighting System, Aspirations Smoke System at different data centre project.
- Issuing Site observation reports to the contractor for System corrections/rectifications. Ensures Site Acceptance Tests are conducted as per the approved Method of Statement and SAT Report verification.
- Coordination with client consultant and contractor for the planning of Testing and commissioning activities.
- Conducting site inspections as per the planned schedule and raising the SIRs for the client approval.

#### Sutton International LLC, UAE

02/2019 - 03/2021

3. Commissioning Engineer

Job Roles & Responsibilities

- Responsible for verification of Mechanical and Electrical QA/QC Engineer and Commissioning activities in a Data Centre & High Rise Building Project.
- Internal installation Multi-level inspection of Mechanical System like CRAH Unit, AC Split Unit, VRF & VRV System, IRU, Chiller, Valves & Storage Tank.
- Internal installation Multi-level inspection of Electrical System like MDB Panel, ATS, DB's, Capacitor Bank, DC charger, Busbar & LV cables.
- Day-to-day management of the site, including supervising, monitoring the Subcontractors site Engineers and work progresses, overseeing health and safety matters and interpreting contract design documents.
- Prepare Method of Statement & Material submittal documents for Consultant review.
- Reviews Consultant Comments on Design Calculations for approval prior proceeding of shop drawings.
- Supervising and Commissioning activities verification for Uptime inspection with integrated system test scripts.
- Testing and Commissioning of all ELV system, Fire System, Electrical, Mechanical and Plumbing.
- Testing and Commissioning of level 4 testing for Fire System Cause & Effect, along with all Mechanical & Electrical Systems to identify the logic & operation ( As per NFPA & Project requirements) of the equipment in the Team mode condition of the plant.
- Verification of the SCADA and CPM system, Which is integrated into all the Electrical & Mechanical systems in the data center.

#### CBRE, India

08/2018 - 01/2019

4. Facility Maintenance Supervisor

Job Roles & Responsibilities

- Reporting on daily basics to the Senior Facility Manager and responsible for execution of MEP Building Maintenance activities at site and leasing with contractor.
- Supervising and undertaking electrical, Mechanical and plumbing work within a commercial Environment.
- Operation and Maintenance of 11kV/440V of transformer and Undertaking hand on electrical installation work.
- Prepared daily activities data logger.
- Coordination with client and contractor for the planning of Testing and commissioning activities.

### VGTPS - TNEB, India

06/2016 - 07/2018

4. Switchyard Control Room Operator & Maintenance Supervisor Job Roles & Responsibilities

Communicate, coordinate and perform transmission and distribution switching operation via SCADA control station.

Line isolation and transmission (SCADA and Field) Operation via telephone on Load Dispatch Center in TANGEDCO.

Operation and Supervise of Relay, Breakers & DC charger.

Maintaining various Record such as monthly operation.