

# GHULAM RUBBANI

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## OBJECTIVE:

Organization where I can enhance my technical ability using my entire professional experience as well as educational knowledge for the betterment of the organization in the same way it's also enhances my career creditability.

## CAREER HIGHLIGHTS:

Over **15** years of experience in industrial construction and maintenance, including supervision of various electrical works such as electrical installation, testing, and commissioning, as well as MEP coordination for different large-scale projects in infrastructure, building construction, and building maintenance.

Experienced in building maintenance, troubleshooting, repair, preventive and corrective maintenance, includes electrical, HVAC, mechanical, and plumbing.

## DETAILED EXPERIENCE:

### **Dar Al-Handasah (Shair and Partners) KSA**

(Nov 04 2023 to till date)

#### **Electrical Inspector**

##### **1. Project: Saudi Aramco voltage conversion program.**

The project scope includes to replace the existing supply voltage system (13.8KV/208/120V or 480/208-120V) to new voltage system (13.8KV 400/230V) for Non-industrial buildings and switchgear building as per the Kingdom's new regulations.

##### **2. Saudi Aramco Upgrade Security Facilities- Central & Western Regions.**

Project involve upgrade security facilities at different Saudi Aramco site to comply with High Commission for industrial security (HCIS) standards dated 2017.

The project included conduction site visit/survey and visual inspection to the infrastructure including security UPS, Security Generator, ATS, Diesel Tank and including- but not limited to- checking and verification for the existing connection and setups to the MCC, MDP...etc.

#### **Key Responsibilities:**

- ✓ Conduct physical surveys of the site and collect data on existing infrastructure such as utilities, buildings etc.
- ✓ Work closely with design engineers to ensure the survey data aligns with the overall project requirements.
- ✓ Maintaining accurate records of all surveys, measurements, and observations.
- ✓ Preparing and submitting detailed Site Survey Reports (SSR) summarizing the findings, including photographs (when Allowed), Block/levels, single line diagrams, and sketches.
- ✓ Ensured that all survey work adheres to relevant standards, guidelines, and project specifications.
- ✓ Address any discrepancies or issues that arise during the site survey process.
- ✓ Coordination with Project Management Team (PMT) and proponent at site for the data gathering and access.
- ✓ Maintain Safety and Security requirements of Saudi Aramco including holding site orientation training and induction sessions.
- ✓ Restricting to the usage of PPE (Personnel Protecting Equipment) while working on sites including Arc-flash Shirt, Safety Helmets, Safety Shoes, Safety Eyes Goggles, Safety Gloves, etc.

### **AECOM MIDDLE EAST Ltd, Qatar & UAE**

(Nov 27, 2016 to Apr 30, 2021)

#### **Electrical Inspector**

##### **1. Project: Expo 2020 Dubai UAE (Public Realm in Concourses & Arrivals Plaza's)**

##### **2. Project: Med clinic Hospital Expansion Airport Road Abu Dhabi**

- a. The project's scope of work involves the expansion of hospital. The Project cost is 310 Million AED. The project will be added more 120 beds in the existing building.
- b. The new main hospital campus that will be the "Nucleus" for Med clinic Hospital Expansion. The new hospital shall be approximately 20,000 m2 and shall include Obstetrics / Genecology, Pediatrics, Child and maternity department, in patient strategic services, Heart facilities, Obesity treatment, ICU. The building will also accommodate Circa 10,000 m2 of one day medical procedures / outpatient Clinics spaces, management offices, administration. Office and two-story underground car parking facilities available. The new building will be linked with existing building.

### **3. Project: Reem Central Park (Reem Island Abu Dhabi)**

- a. The Reem Central Park site covers an area of 78,378 m<sup>2</sup> of land with a length of approximately 500m and width of approximately 200m. Boarded on 3 sides by residential and commercial towers and open to the Canal and mangroves system of Abu Dhabi Island on the other, with views the cities business district.
- b. Reem Central Park (Projected cost is around \$68m) is an urban park offering one million square feet of outdoor areas including green areas, a skate park, a climbing wall, a mosque, a public beach, cafes and restaurants.

### **4. Project: Doha Oasis Mixed Use Development Project (Doha Qatar)**

- a. Mixed use project with a value of 4.2 Billion USD which combines a group of 9 floor Residential units, a 28 floors 7-star Standalone Hotel Tower, a Shopping Mall and a theme park; it shares with a 2-story commercial podium which is meant for housing and retail.
- b. Four Basement levels for parking spaces.
- c. A 66KV Primary Substation is to be constructed on the project site.
- d. Total plot area is 72,025 square meters.

#### **Role: Inspection of Electrical Installation for Building & Infrastructure work.**

- ✓ Generally responsible for Supervision, inspection and Quality control of all electrical related works.
- ✓ Supervising project of (66kv/11kv/440v systems) substation including 66KV GIS, control panels, AC/DC panels, circuit breakers, transformers and all auxiliary systems of substation etc.
- ✓ Supervising the Installation of 11 KV MV (Switch gear, Transformers), laying of 11 KV armored MV cables, Bus-ways, Generators, LV Panels (MDB'S, SMDB'S DB'S) etc. to ensure compliance with the relevant drawings and specifications.
- ✓ Responsible for reviewing and inspecting all incoming RFI & MIR with respect to approved drawings, material submittals, project specification, codes and end user requirements and reporting to the senior for the comments.
- ✓ Checking correctness of installation of conduits, cable tray/ ladder and wiring/cables for lighting, Power, Security, Public address, Fire Alarm and Telephone system.
- ✓ Implementing quality standards at site and maintaining the daily and monthly records and reporting to Senior Engineer.
- ✓ Identifying areas of quality failures, reporting to the seniors and taking necessary action to rectify the system as per specifications and standards.
- ✓ Attending meetings to coordinate, improvise and to accelerate work progress by coordinating with the contractor and sub-contractor & discuss all the work relative issues including quality and safety.
- ✓ Verifying IFC drawings, shop drawing and As-built drawings.
- ✓ Testing and Commissioning of Electrical services (Lighting, Power), Fire Alarm & Fire suppression (FM-200), Public address, Security system and Central Battery System etc.

## **SAUDI ARABIAN PARSONS Ltd, KSA.**

**(Feb 03, 2015 – Feb 07, 2016)**

### **Electrical Inspector**

#### **1. Project: Ministry of Housing (MOH) Dammam (S) Infrastructure Program**

#### **Role: Inspection of Electrical Installation for Infrastructure work.**

- ✓ Responsible for reviewing and inspecting all incoming RFI & MIR with respect to specification, codes and End user requirements and reporting to the senior for the comments.
- ✓ Working on LV & ELV Networks, Street lighting, Substation's, Potable, fire water & Irrigation Pumping Station's.
- ✓ Inspection of Telecommunication Manholes and Lighting pole foundation at Precast Yard.
- ✓ Review materials delivered at site for conformance with approved samples, materials and equipment and reporting to senior.
- ✓ Preparing daily Site reports, monthly reports, estimates and all applicable monitoring reports on regular basis or as required, reporting to senior engineer and keeping record.
- ✓ Ensures that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standard.
- ✓ Meeting with the contractor and sub-contractor, discuss all the work relative issues including quality and safety.

## **AECOM MIDDLE EAST Ltd, Qatar**

**(Dec 17, 2011 – Dec 18, 2014)**

### **Electrical Inspector**

#### **1. Project: New Port Project Doha, Qatar (Container Terminal, Infrastructure and Utility Buildings)**

- a. Construction of Hamad Port for the economic and sustainable development of Qatar. This US\$ 8 billion iconic mega-project spans 26 sq.km and is one of the world's largest Greenfield port. The project includes Container Terminals, Naval Base, and Economic Zone.

## **2. Project: Barwa City Phase – 1 Amenities Zone**

### **Role: Inspection of Electrical Installation for Building & Infrastructure work.**

- ✓ Responsible for reviewing and inspecting all incoming RFI & MIR with respect to specification, codes and End user requirements and reporting to the senior for the comments.
- ✓ Checking correctness of installation of conduits, cable tray/ ladder and wiring/cables for lighting, Power, Security, Public Address, Fire Alarm and Telephone system.
- ✓ Inspection of Telecommunication Manholes and Lighting pole foundation as per approved documents.
- ✓ Monitoring and inspection of road light, Feeder pillar with photocell control and LV cables tranches, road crossing ducts cable laying and termination.
- ✓ Responsible for reviewing and inspecting all incoming RFI & MIR with respect to specification, codes and End user requirements and reporting to the senior for the comments.
- ✓ Inspection of electrical installations, systems and equipment to verify compliance with applicable codes, laws, rules, and regulations.
- ✓ Implementing quality standards at site and maintaining the daily and monthly records.
- ✓ Identifying areas of quality failures, reporting to the seniors and taking necessary action to rectify the system.
- ✓ Notify through non-conformance reports if works are not being carried out as per the specifications and standards.
- ✓ Coordinate all the services perfectly and in the most efficient way. Coordinate with engineers, contractors and sub-contractors.
- ✓ Testing and Commissioning of Electrical services (Lighting, Power) Fire Alarm, Public address and Security system etc.

## **PROFESSIONAL ARABIAN CONSULTING ENGINEERS-UAE (Mar 08, 2010 – Nov 17, 2011)**

### **Electrical Inspector**

#### **1. Project: Emirati Housing Community, Yas Island, (488 Villas) Phase 1**

#### **2. Project: Police Station, Civil Defense & Barrack Buildings in Yas Island**

### **Role: Inspection of Electrical Installation for Building work.**

- ✓ Electrical design of villas and Prepare DB & SMDB Load Schedules and Cable Sizes.
- ✓ Monitoring contractors MEP Works, materials and equipment's as per approved quality standard and specifications.
- ✓ Review materials delivered at site for conformance with approved samples, materials and equipment and reporting to senior.
- ✓ Prepare the reports and update the daily activities of contractor / subcontractors.
- ✓ Attending meetings to create coordination to improve and accelerate work progress.
- ✓ Notify through non-conformance reports if works are not being carried out as per the specifications and standards.
- ✓ Testing and Commissioning of Electrical services (Lighting, Power) Fire Alarm, Public address and Security system etc.

## **ALFANAR CONSTRUCTION, KSA.**

**(Aug 20, 2007 – Nov 12, 2008)**

### **Electrical Supervisor**

#### **1. MECCA PROJECT: (380KV, 110KV SUBSTATION)**

- ✓ Installation, Testing and Commissioning of The LCC Panels (ABB, HYUNDAI)
- ✓ Testing and commissioning of the 380kv Main Breakers (AREAVA)
- ✓ Modification, Installation, Testing of 380KV and 110KV Bus bar
- ✓ Installation of Main Transformers (HYUNDAI)
- ✓ Installation and testing Fire Alarm Systems for the Transformers.
- ✓ Installation of Earthing System for the Substation.
- ✓ Installation, Testing and commissioning of SCADA System.

#### **2. THUWAL PROJECT: (380KV & 110KV SUBSTATION)**

- ✓ Installation of (GIS) Gas Insulated Switch gear (ABB, HITACHI, HYUNDAI)
- ✓ Vacuum and filling of the SF6 Gas
- ✓ Perform the Leakage test and impurity test, D Point test
- ✓ GIS contact resistance test
- ✓ CT & VT Insulation test and Ratio test
- ✓ Installation, Testing and commissioning of Control Relays. (ABB, SIMENES)
- ✓ Modification work in LCC panels for 380 KV (ABB)

## EDUCATIONAL QUALIFICATION:

- **Electrical Diploma**, diploma of associate engineer **2002 – 2005**  
Sargodha polytechnic Institute of Sargodha, Punjab, Pakistan
- **Matriculation** **2001 – 2002**  
Board of Intermediate & Secondary Education Sargodha, Punjab, Pakistan

## SAFETY CONSCIOUSNESS:

SAFETY (HSE systems) awareness against personal safety as well as plant safety as per OSHA standards and trying to serve best parallels with these standards.

Member of Fire Squad, having firefighting training, Special trainings on safety topics like Housekeeping, firefighting, Use of Personal Protective Equipment's (PPEs), Acid handling, Confined spaces, Emergency handling.

## PERMIT TO WORK PROCEDURE:

- ✓ Safe working procedures according to PTW systems.
- ✓ Work permits according to the requirements & nature of job like a cold work permit.
- ✓ Hot work permit.
- ✓ Vessel entry permits, etc.

## SKILLS:

- |  |                                |
|--|--------------------------------|
| ✓ Electrical Engineering                     | ✓ Residential units            |
| ✓ Indoor & Outdoor Substation (380KV, 110KV) | ✓ Shopping Mall and theme park |
| ✓ Civil Engineering                          | ✓ Software Operating system    |
| ✓ 7 Star Hotel Tower                         | ✓ infrastructure works         |

## LANGUAGES:

- |           |        |          |
|-----------|--------|----------|
| ✓ English | ✓ Urdu | ✓ Arabic |
|-----------|--------|----------|

## PERSONAL INFORMATION:

Father Name	:	Mahmood Akhtar
Date of Birth	:	4 June, 1981
Nationality	:	Pakistan
Passport No	:	AA9005514
Marital Status	:	Married
Religion	:	Muslim
Permanent Address	:	House No. 166 St No. 04, Raza Garden Sargodha Punjab, Pakistan.
Driving License	:	UAE, Qatar, KSA & PAKISTAN
Membership	:	Saudi Council of Engineers, Membership No. (985543)