

# MAHFOOZ RAZA ALAM

Structural Inspector – Infrastructure, Housing, Fit-out / Interior, Landscaping & Road Works

■ +966 562757045 / 0580560544 | ✉ ■ razamahfooz@yahoo.com

Member, Saudi Engineering Council | ID: 117655

## Professional Summary

I have almost done 14 years of experience in infrastructure, housing, and Expansion of Industrial Waste water Treatment Plant IWTP8 Jubail, Project, Sewerage and Storm Water Line, 10 MW Solar PV Plant, 110/13.8 kV electrical substation & Infra Structure, wet and Dry utilities, Concrete Reservoirs (Water Tanks), Steel tanks, Pumps stations, Roads, Roads, Piling, Stone columns, (Space Frame (Steel Structure) Administration & Economic college for female and Housing Villas. Strong background in Fit-out / Interior projects Skilled in site inspections, quality management, material testing, and compliance with international and Saudi standards. Proven expertise in ensuring quality delivery of large-scale projects through strong technical skills, collaboration, and problem-solving.

## Core Competencies

- QA/QC Civil Engineer Inspections & Documentation
- Infrastructure Projects (Water, Sewerage, Drainage)
- Housing & Residential Facilities (Villas, Schools, Colleges)
- Road Works (Asphalt, Subgrade, Curbstone, Paving)
- Material Testing (Concrete, Asphalt, Soil)
- Compliance with Saudi Codes & International Standards
- NCRs, Site Observations & Corrective Actions
- AutoCAD, Civil 3D, MS Office, QA/QC Reporting

## Professional Experience

QA/QC Civil Engineer – Industrial Wastewater Treatment Plant (IWTP8, Phase-4) **ILF Consulting Engineers** – Jubail, KSA | Oct 2023 – Present

- Conducted inspections for reinforced concrete structures, reservoirs, and utility networks.
- Reviewed drawings and civil/structural designs ensuring compliance with Royal Commission standards.
- Monitored progress and advised corrective measures for deviations.
- Prepared inspection reports with photographs, findings, and recommendations.
- Conduct regular inspections of structural works on site to ensure compliance with project specifications, drawings, and codes.
- Ensure construction practices comply with applicable local regulations and international standards.
- Support project engineers and resident engineers in supervising the implementation of the structural scope of work.

## Road Works

Inspected roadbed preparation, subgrade, sub-base, and base course compaction to ensure compliance with project specifications.

Supervised asphalt plant operations, paving works, road markings, and surface finishing.

Monitored curbstone and interlock paving installation, ensuring proper alignment and durability.

Conducted field density, core cutting, and compaction tests for road layers to verify quality compliance.

Coordinated road drainage works, culverts, catch basins, and crossings in compliance with safety and design standards.

Verified materials (bitumen, aggregates, concrete) and supplier certifications before approval for site use.

Ensured that traffic management and safety regulations were strictly followed during road construction.

Prepared NCRs, daily inspection reports, and progress reports highlighting road works quality and compliance.

## **QA/QC Civil Engineer – Shared Services Network Project .**

Rawabi Specialized Contracting Co. – Jubail, KSA | Oct 2022 – Oct 2023

Consultant - Royal Commission for Jubail & Yanbu

### **Duties and Responsibilities**

- Supervised infrastructure works including manholes, pipelines, and reinforced concrete structures.
- Conducted material testing (FDT, slump, cube tests) ensuring compliance with project requirements.
- Issued NCRs, site observations, and followed up on corrective actions.
- Prepared daily/weekly QA/QC reports and coordinated with stakeholders.

## **QA/QC Civil Engineer – School Housing Improvement (Phase 2)**

Abdulla H. Al Mutawa Sons Holding Co. – Jubail, KSA | May 2019 – Oct 2022

Consultant - Royal Commission for Jubail & Yanbu

- Supervised civil works for schools, housing facilities, and residential structures.
- Inspected RC structures, block works, plastering, flooring, waterproofing, and finishing works.
- Ensured compliance with approved designs, materials, and safety codes.
- Prepared inspection reports and coordinated approvals with consultants.

## **QA/QC Civil Engineer: 10MW Solar PV Plant**

**Location-Layla Aflaj ,Riyadh, KSA | Oct 2017 – May 2019**

**Client :** Saudi Electricity company(SEC)

Project Name: 110/13.8 KV Electrical substation.

Location :Alsail makkah jeddah highway substiontion.

**Client-** Saudi Electricity company(SEC)

### **Duties and Responsibilities**

- Supervised civil foundations, generator bases, control rooms, and site infrastructure works.
- Monitored QA/QC compliance of reinforced concrete and utility structures.
- Ensured site safety and documented quality inspections.
- Inspected stormwater networks, sewerage systems, culverts, and road infrastructure.
- Verified subgrade, sub-base, base course, asphalt laying, curbstone, and interlock paving works.
- Conducted density and compaction tests ensuring compliance with road standards.
- Coordinated with consultants for approvals and project quality assurance.
- Develop a QA/QC monitoring and inspection plan for supplier and service providers program covering construction, fabrication, installation, and commissioning works
- Supervised the execution of softscape and hardscape works, including planting, turfing, irrigation, paving, and decorative features.
- Managed installation of landscape irrigation systems (drip, sprinkler, and automatic systems) ensuring proper coverage and water efficiency.
- Oversaw hardscape elements such as walkways, pergolas, gazebos, paving, kerbstones, retaining walls, and water features.
- Coordinated with consultants and architects for landscape design implementation and approval of materials.
- Conducted inspections to ensure compliance with project specifications, drawings, and environmental standards.
- Monitored soil preparation, grading, drainage, and selection of plants suitable for the local climate.

## **Civil Engineer – Sewerage & Storm Water / Road Works**

Company- Modern consutitun buildings (MCB)

Consultant -Zuhair Fayez Partnership / V3 Middle East – Jeddah, KSA | Jan 2011 – Sep 2017

### **Duties and Responsibilities**

Monitoring compliance of contractor work quality on site.

Assisting in the initiation of appropriate QA support, materials and processes of the construction team.

Assisting with regular audits and surveillance to ensure proper compliance with procedures Checks and reviews plans and specifications for the proper construction and quality

Interprets design plans and specifications to verify the work performed in accordance with the contract documents.

Produces activity reports as necessary to ensure that all QC activities have been fulfilled

Participates in the development of quality control reports and procedures as requested by the QA/QC Manager

Monitor the quality activities of the partners and sub-contractors versus the Inspection and test plan, check the results of the tests are documented according to the relevant standards

Ensure (or do) opening of NCR's when technical deviations are identified

Monitor the proper and timeliness delivery of the disposition, implementation and archiving of NCR's opened at site

Submits site daily reports, estimates and all monitoring reports on regular basis or as required.

Ensures that all the site works meets the stipulated quality standards

### **Education**

B.Tech in Civil Engineering – Dr. M.G.R. University, Chennai, India (2010)

### **Certifications**

- Saudi Council of Engineers – Membership ID: 117655
- Royal Commission for Jubail & Yanbu Approved Engineer
- 5-Day Construction Management Quality & Safety Training – RC Jubail

### **Technical Skills**

AutoCAD, Civil 3D, MS Office, QA/QC Documentation, Site Inspections, Structural & Infrastructure Analysis

### **Languages**

English – Excellent | Arabic – Good | Hindi/Urdu – Excellent

### **Personal Information**

Date of Birth: 05 Feb 1982 | Nationality: Indian | Iqama: Transferable | Driving License: Valid Saudi

Membership no.:117655

عضوية رقم:117655

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date19/4/1438 H. SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاوله المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولأحته التنفيذية فقد قررت الهيئة اعتماد:

**MAHFOOZ RAZA ALAM**

Membership Category: Engineering Technologist

Specialization: Civil Engineering Technology

Membership Start Date: 3/2/2013

محفوظ رضاء عالم

فئة العضوية: مهندس تقني

التخصص: هندسة مدنية تقنية

تاريخ بداية العضوية: 3/2/2013

This Certification is valid until: 07 February 2027

هذه الشهادة صالحة إلى تاريخ: 01 رمضان 1448



الأمين العام Secretary General

م. عبدالمحسن بن ضاوي المجنوني

30302301/ 612 / 17  
December 5 , 2017  
Attachments: 01

To : **M/S Al-Gihaz Contracting Co. Ltd**  
Attn. : **Engr. Zaki Ahmed Shazli**  
Project Manager

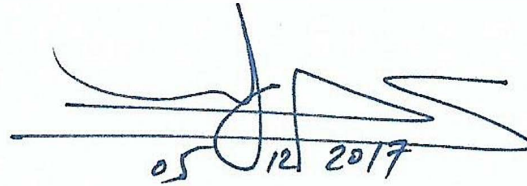
Project : **Construction of 110/13.8kV Al-Sail Road Substation, Makkah**  
Contract#: **4400007876**

Subject : **Approval of QA/QC Civil Engineer (Mahfooz Raza Alam)**

Reference to your letter No.217; it is to inform you that we have conducted interview of Mr. Mahfooz Raza Alam and he is accepted as QA/QC Civil Engineer for the above mentioned project for ( Three ) months probationary.

This is for your information and action.

Best regards,

  
05/12/2017

Engr. Abdullah H. Al Malki  
Div. Manager, C&EMPDV – West

  
CIM / SFA

KINGDOM OF SAUDI ARABIA  
MINISTRY OF INTERIOR

هوليترا مليم  
RESIDENT IDENTITY

المملكة العربية السعودية  
وزارة الداخلية

MAHFOOZ RAZA ALAM

معنوقه رضاء عالم

الرقم ٢٣٠١١٣٩٨٦٧ نسخة ١٠

مكان الإصدار الخدمات الالكترونية

الإصدار ١٩٨٢/٠٢/٠٥ الميلاد ١٤٤٦/٠٧/٠٧

المهنة مهندس مدني

الجنسية الهند الديانة الاسلام

صاحب العمل شركة اي ال اف مهندسون استشاريون

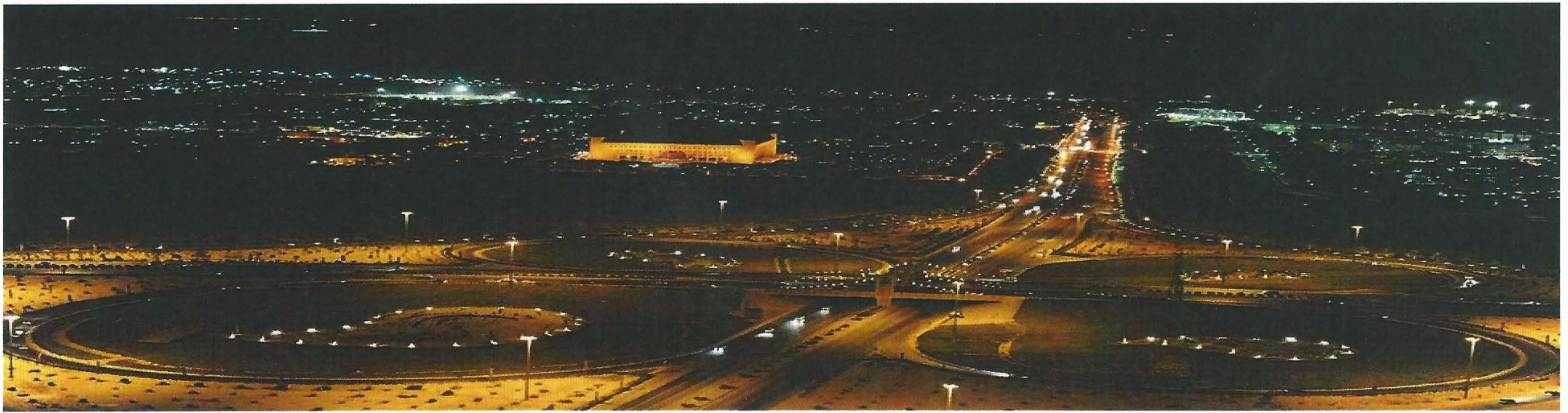
للاستشارات الهندسية



7301139867







# *Royal Commission for Jubail*

## 5 Day Construction

## Management Quality & Safety Training

Certificate of Completion awarded to

# Mahfooz Raza Alam

**ES&H**



**Who Cares?**

  
Kenneth Farr, Project Training Lead

Certificate CMSTJub:00312

