

**MD REZAUL HASAN**  
**QA/QC ENGINEER (CIVIL)**  
**Email: hrezaul15@yahoo.com .**  
**Mob # +965-66797847 (Kuwait)**



## **OBJECTIVE**

Having **16-years** of extensive experience in various Civil engineering projects such as oil and gas, power plants ,roads building construction works. Familiar with various aspects of quality assurance and quality control procedures in accordance with ISO-9001.Knowledgable in construction materials and material testing. Prepares QCP and ITP for different activities of civil engineering works. Confident and conversant to interact with client/consultant.

## **ACADEMIC**

- **B. Sc. Engineering ( Civil ). (1999 – 2004)**  
Stamford University Bangladesh.
- **Diploma -in-Civil Engineering (1993-1997)**  
Chittagong Polytechnic Institute. Bangladesh.

## **PROFESSIONAL EXPERIENCE HISTOR**

<b>PROJECT</b>	<b>POST</b>	<b>COMPANY</b>	<b>CLIEND</b>	<b>YEAR</b>
Lower Fars Heavy Oil Development Program Phase-1 (60 MBOPD)	SR. QA/QC Engineer	Protek International	KOC	2019 - 2020.
Lower Fars Heavy Oil Development Program Phase-1 (60 MBOPD)	SR.QA/QC Engineer	First Kuwaiti trading & contracting	KOC	2015 - 2018
Sheikh Abdullah Al Salem Cultural Centre.	QA/QC Engineer	Al-ghanim international	Al Amiri Diwan	2014 - 2015
Az-zour South R.O Desalination plant. (30 MIGPD ).	QA/QC Engineer	Al-ghanim international	Ministry of Electricity and Water (MEW)	2012 - 2013
Fahaheel Express way South Sabahiya to Mangaf Intercange no-6 Project no – RA-188	Highway Engineer	Dar Mazen al Sane Engineering	Ministry of Public Works (MPW)	2010 - 2011
The Avenues (Shopping Mall ) phase-III	QA/QC Engineer	Al-ghanim international	MABANEE	2007 - 2009
Oil and Gas line project (KJO)	Site Engineer	Linde Arabian Construction.	KOC/ARAMCO	2005 - 2006

## **PROFESSIONAL APPROVAL DETAILS**

1. APPROVED AS QA/QC ENGINEER – KUWAIT OIL COMPANY & PIL
2. APPROVED AS QA/QC ENGINEER – MINISTRY OF ELECTRICITY & WATER.
3. APPROVED AS QA/QC ENGINEER – MINISTRY OF PUBLIC WORKS.
4. APPROVED AS QA/QC ENGINEER – MINISTRY OF AL –AMIRI DIWAN

## **SKILL SETS, KEY I.T SKILLS**

- Inspection & Testing / Quality Control / Quality Assurance
  - ISO-900 QMS implementation & Continual Improvement.
  - Project Quality Control / Subcontractor Auditing.
- MS Word, Excel, Access, Power Point, MS Project and Auto CAD.

## **PROFESSIONAL WORK HISTOR**

### **Project: LOWER FARS HEAVY OIL DEVELOPMENT PROGRAM PHASE-1 ( 60 MBOPD )**

Client: KOC

PMC : Worley parsons.

Contractor: JV Petrofac International Ltd ( PIL ) / CCC

Sub-Contractor: Protek International..

Contract duration of 60 months (Jul 2014 – June 2019)

Project Cost: \$ 4.1 Billion

**Work scope :** Well Block-3, ISS-2&3 Area, Oil Tank, CPF Area, Storm water line, Road & Infrastructure.

**SR. QA/QC ENGINEER : (July 2019– Dec 2020.)**

- Prepare, establish and implement Civil/Building and Steel structure inspection procedures, method statement, handover documents, Inspection test plan (I.T.P.) and check sheets for Civil, Architecture and Steel Structure works as per project specifications, standards and project quality plan.
- Control on NCR and root cause analysis for corrective / preventive measures.
- To deal with consultant on-site inspection.
- Follow up, monitor material test reports and submit material inspection request (MIR) to site PMC Engineers for material approval.
- Manage and handle day to day work schedule for Civil Qa/QC team.
- Conduct internal quality audits on department in preparation for quarterly ISO audits.
- Conduct weekly Qa/Qc team meeting to address site quality issues, documentations and closing out of punch list as issued by Client PMC.
- Review and approval of suppliers and sub-contractor's quality documents.

### **Project: LOWER FARS HEAVY OIL DEVELOPMENT PROGRAM PHASE-1 ( 60 MBOPD )**

Client: KOC

PMC : Worley parsons.

Contractor: JV Petrofac International Ltd ( PIL ) / CCC

Sub-Contractor: First Kuwaiti trading & contracting.

Contract duration of 60 months (Jul 2014 – June 2019)

Project Cost: \$ 4.1 Billion

**Work scope :** Well Block-3, ISS-3 Area, Oil Tank, CPF Area, Utilities, Storm water line, Road & Infrastructure.

**QA/QC ENGINEER : (Aug2015– Jun 2018.)**

- Involve in weekly progress, safety, technical and quality meeting with contractors.
- Follow up implementation of day to day works and coordinate with construction managers, planning managers, material managers, project control manager, quality managers, site Quality engineers and site engineers on progress, site work executions and proper documentation assuring that all works executed are as per the approved contract drawings, standards, specifications and safety requirements are complied.
- Follow up in site inspection.
- calculation analysis, materials, technical reports and quality documents such as method statements, procedures, inspection test plan, check sheets and handover documents submitted by contractor.
- Implement approved project work procedures, method statement, project standards and quality plans.
- Report to QC Manager and consultant engineer regarding work progress status, discrepancies in drawings, technical issues, safety issues, quality issues and advised, proposed technical solutions to site work problems to contractors.
- Involve/Conduct monthly audit on contractor's Quality documents, filling system, materials, concrete laboratory and concrete batching plants.
- Handle and manage Construction and Qa/Qc related works for Civil, Steel Structure and Architecture.

**PROJECT: SHEIKH ABDULLAH AL SALEM CULTURAL CENTER. ( Kuwait )**

**Contractor:** Alghanim international general trading & contracting Co

**Client:** Amiri Diwan

**Category :** Civil and Architectural.

**Project Cost:** \$ 280 Million

**Construction Year:** 2013

**Work scope :** Fine Arts Center & Islamic Museum Building, Space Science Museum building, Natural History Museum building, Science Technology Museum building, Health medicine Center & Human Body & Mind, Arabian Landscapes & Wild life Center. Café ,Underground Car Park. Storm water line, Sewerage, Road & Infrastructure

**QA/QC ENGINEER : (Jan 2014– Aug 2015)**

- Established, review and prepare civil, architectural and steel structure procedures, inspection test plan, check sheet and method statement.
- Prepare field observation report, NCR with corrective action.
- Follow up in site inspection.
- Monitoring the construction activities to ensure the quality requirements are maintained.
- Responsible for safeguarding of all QA/QC documents, records and test reports
- Responsible for the site quality control inspections and test in coordination with Construction Manager and Consultant/TPI Inspection personnel.
- Carry out internal inspection prior to offering to PMC/TPI, Submission of the inspection Notification to KOC
- Prepare and maintain the inspection report and all QC documentation. Identify and track nonconformance and coordinate resolutions to ensure acceptable corrective action to prevent repetition.
- Coordinate with QA/QC Manager for resolving the issues related to the quality of the project.

**Project: AZ-ZOUR SOUTH R.O. DESALINATION PLANT WITH RECARBONATION SYSTEM (30MIGPD)**

**Contractor:** JV Alghanim international general trading & contracting Co / OTV

**Client:** Ministry of Electricity and Water-State of Kuwait (MEW)

**Consultant:** (MEW)

**Category :** Engineering and Construction.

**Contract duration of 30 months (March 2011 – Sep 2014)**

**Project Cost:** US\$ 600 Million.

**Work scope :** Pile Driving, Dual Media Gravity Filter, Intake pump Station, Intake Electrical & Fire System Building, Brine outfall pits & connection, Air Compressor Building, Cooling System Building, Chemical Building, Filtration & filtration Electrical Building, Maintenance Building, Limestone Storage & limestone filters, CO2 Generation plant Building, CIP Neutralization & permeate tank & pump Station. R.O Building. RO Electrical building 1 & 2, Substation and Control building. Product tank , Road &Infrastructure works. Storm water line, sewerage line.

**QA/QC ENGINEER : (Jan 2012– Dec-2013.)**

- Established, review and prepare civil, architectural and steel structure procedures, inspection test plan, check sheet and method statement.
- Prepare field observation report, NCR with corrective action.
- Monitoring the construction activities to ensure the quality requirements are maintained.
- Responsible for safeguarding of all QA/QC documents, records and test reports
- Responsible for the site quality control inspections and test in coordination with Construction Manager and MEW/TPI Inspection personnel.
- Follow up in site inspection.
- Carry out internal inspection prior to offering to MEW/TPI, Submission of the inspection Notification to MEW
- Prepare and maintain the inspection report and all QC documentation. Identify and track nonconformance and coordinate resolutions to ensure acceptable corrective action to prevent repetition.
- Coordinate with QA/QC Manager for resolving the issues related to the quality of the project.

**Project: FAHAHEEL EXPRESS WAY. SOUTH SABAHIYA TO MANGAF INTERCHANGE  
NO-6 , RA-188**

**Client:** Ministry of Public works.

**Consultant:** Dar Mazen al Sane Engineering

**Project Cost:** US\$ 28 Million..

**HIGHWAY ENGINEER:** (Jan 2010– Dec 2011).

**Duties and Responsibilities**

- . In-charge in MPW for testing of Dynaflect and other Materials.
- Supervise and prepared laboratory test reports.
- Experience in ISO certified Consultants & Contracting companies
- Coordinating with Client's Site Engineers for approval of Concrete works and arranges Concrete from Supplier for different sites.
- Arrange for testing of materials in compliance with International Specifications such as ACI,AASHTO,KSS,KOC,ASTM & BS standards

**1 – Soil:**

Supervision and carrying out in-situ Soil Field Density tests, Road Base materials, Proctor, C.B.R, Sieve analysis, Wattenberg Limits and collection of samples from site to test in the site laboratory and submit to MPW laboratory

**2 – Asphalt:**

Asphalt Plant Inspection, Quality Control like monitoring the temperature of asphalt during pavement, Sampling of loose asphalt for testing, MC 70 & Tack Coat application rate, Reflux & Centrifuge Extraction & Gradation, Core testing (Thickness, Density & Compaction) and Marshall Stability & Flow test.

**3 – Aggregates:**

Collection of coarse & fine aggregate samples from stockpile and Concrete & Asphalt Plants to test in the site laboratory and to submit to MPW laboratory, Sieve analysis, Sand Equivalent test, Flakiness, Elongation, Mesh content, Chemical test (Sulfate & Chloride test), Specific Gravity and Absorption tests.

**4 – Concrete:**

Batching Plant Inspection, Fresh Concrete Inspection like monitoring the temperature, Slump & preparing Cubes during the casting of concrete, Compressive Strength of the cubes and other Quality Control activities at site and precast yard.

**5 – Thermoplastic Paint:**

Supervision and carrying out thickness test of the paint & Quality Control activities at site during the course of work like Glass beads rate of application & sampling of the materials to submit to MPW Laboratory for testing.

**6 – Road Marking Activities:**

Supervision of Road Marking activities at site and sampling of road marking material like Type – d markers, Reflective markers and Non Reflective markers to submit to MPW Laboratory for testing.

**Project: The Avenues phase- III ( Kuwait )**

**Contractor:** Alghanim international general trading & contracting co.

**Client:** Mabanee

**Project Cost:** \$ 189 Million

**Construction Year:** 2007

**QA/QC ENGINEER : (Mar 2007 - Dec 2009)****Duties and Responsibilities**

- Responsible for Quality Management of the project ensuring compliance with specification codes ACI,AISC,ASTM ,BSI and other relevant codes requirements specified on special conditions of contract.
- Review and check material submittal logs and status to verify compliance with approved data in accordance with requirements on installation and testing procedure stated on contract specification.
- Plan, supervise, review and participate in the work of staff responsible for providing engineering services in the design and management of projects.
- Establish schedules and methods for providing engineering services identify resources needs; review needs appropriate management staff; allocate resources accordingly.
- Participate in the development of policies and procedures; monitor work activities to ensure compliance with establish policies and procedures; make recommendations for changes and improvements to established standards and procedures.
- Recommend and assist in the implementation of goals and objectives; implement approved policies and procedures.
- Perform the more technical and complex task of the work including management and administration of construction and professional service contracts.
- Provide and review of daily and monthly reports and participate in the work of lower level engineering staff in the preparation of project plans, specifications, of the projects.
- Taking part in the preparation and updating of the construction activities, recording and checking of the work progress and its accounting before submission to QA/QC Manager's (CM) approval.
- Review and approved miscellaneous civil and building Method of Statement, procedure submittals and Material Approval request

**Project: Oil and Gass line project (KJO)**

**Client:** KOC/ARAMCO

**Consultant:** ARAMCO

**Contractor:** Linde Arabian Construction.

**SITE ENGINEER: (Jan 2005 –Dec 2006)****Duties and Responsibilities**

- Shop drawing verification & mobilization of the works.
- Estimate the Quantity of Material required from the shop drawings and placing order to procurement.
- Advising on Contractors resource allocation.
- Assist with preparation of client bill & reconciliation of sub Contractors bill.
- Instruction to the Supervisor about the work & quality of works.
- Coordinate with the Planning engineer about project scheduling.
- Recording & updating the daily progress of the work & submit to project manager and planning engineer.
- Coordinate with site Safety officer, Quality control Engineer project manager, Consultant and Client.
- Preparation of Method statements.
- Attending all the site meetings.

**PERSONAL DETAILS**

Passport No	:	BN0100981
Languages	:	English, Basic Arabic & hindi
Address :		Farwaniya , Kuwait
Visa Status	:	VISA-18
Nationality	:	Bangladesh

