

# Aftab Alam Amir Hassan



Skype id: [aftab.alam386](https://www.skype.com/user/aftab.alam386)

Email id: [s.aftab76@gmail.com](mailto:s.aftab76@gmail.com) & [aftab\\_aftab2alam@yahoo.com](mailto:aftab_aftab2alam@yahoo.com)

Indian cell no: + 919971735098 & + 91 8383074731.

**Saudi Council of Engineer's Membership No: 336257.**

## Applied For the Position – Metro/Rail Track Engineer.

**Objective:** To work with a progressive organization which gives opportunity to

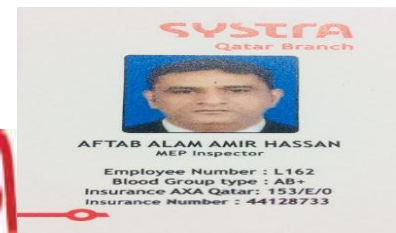
Utilize my skill towards the growth of the organization and for bright personal career.

**Total working experience in Abroad Gulf & East Africa 19 Years.**  
**Metro Project's working experience with Doha Metro Project, Riyadh Metro Project & Dubai Metro Project.**

## **Professional Summary**

- 19 Years of Experience as a **Track Engineer** in Gulf and East Africa.
- Supervision & Execution of site Metro/Rail Track works.
- Ability to read, review, understand and implement work on site according to approved Shop Drawing.

## **Current Employment:**



**Organization:**

**SYSTRA PARSONS JV PMCS.**

**Client:**

**Qatar Railways Company.**

**Designation:**

**Track Engineer.**

**Project:**

**Doha Metro Project DEPOT.**

**Period:**

**March 2018 to Onwards.**

## **Duties and Responsibilities:**

- ✚ Project Wide Supervision of all Quality Inspections for Wakra Doha Depot
- ✚ Track Distressing at Zone average temperature by process of Tensor and Natural Distressing.
- ✚ Inspections of 3rd Rails, Check Rail & Guard Rail, REJ & IRJ.
- ✚ Inspection of Level Crossing, Buffer Stops (Fixed, Friction & Wheel Stops).
- ✚ Inspection for Guard Rail, Check Rail Fastening System.
- ✚ Inspection for Rail Insulated Joints (REJ 150,200,300) for fastening system, Baseplate, Check Rail and Isolation.
- ✚ Material Receiving Inspection for Reinforcement panels, Ear thing Plates, Conductor rails, Running

- Rail, Guard Rail, Check Rail Assembly, Anchoring & Fastenings, Baseplates, Buffers, Level Crossing, Bonding Material, Welding Material, Steel Plates, Chiller Equipment's, Heat Exchangers etc.
- ✚ Inspection Track Drilling and Gluing & Fixed Anchor Bolts.
- ✚ Slab Pre-inspections like Reinforcement Panels Binding & Welding, Shear Connectors, Installation of Chairs, Copper Plates Welding, Steels Strip Welding, Survey points, Cover blocks, ear thing connectivity.
- ✚ Slab Post-inspection like Curing, Slab height with reference to survey & Crack repair.
- ✚ Slab Pre-inspections like Survey points, Fouling points, Cover blocks, farthing connectivity;
- ✚ Inspection of VRF systems and self- air conditioning unit with more or less than 15tons. Checking product manufacturing, cabinets, evaporator fans, compressor, air filters, ventilations etc. Involved in designing for HVAC from concept design to tender stage, done heat load calculation by using HAP 3.41.

## **Experience Profile 01.**



### **Organization:**

**RAMPED Consortium. (EHAF-HILL-LB) JV.**

Riyadh. Saudi Arabia.

### **Clint:**

Ar Riyadh Development Authority. ADA.

### **Project:**

**Riyadh Metro Project. Package-03. Line-5, Underground.**

### **Profession:**

Track Inspector.

### **Project:**

November 2015 to February 2018.

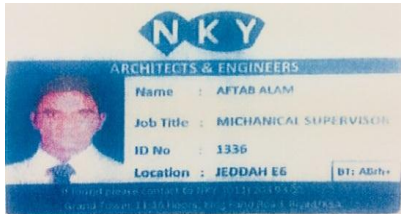
### **Duty & Responsibilities:**

Project Information: Ongoing Riyadh Metro Rail Project at Package 3 Line (4, 5 & 6) running over -176 Kilometers which includes Tunnels, Cut & Cover, Via-Duct, At-Grade Section, Depots, Park & Ride. The contract covers relocation of the unity services, contraction of Infrastructure, raft foundation, pile foundation, precast concrete segment for Via-duct, Earth Work, Subgrade, base slab, Precast wall, Appi track & Paver Machine for Track Slabs, modern techniques Tunnel boring machine (TBM), FSLM, PSM, BCM, PCB and different welding techniques (FBW & ATW) & Third rail system which includes the base slab for ballast less high speed metro rail.

- Track Distressing at Zone average temperature by process of Tensor and Natural Distressing.
- Inspections of 3rd Rails, Check Rail & Guard Rail, REJ & IRJ.
- Inspection of Level Crossing, Buffer Stops (Fixed, Friction & Wheel Stops).
- Inspection for Guard Rail, Check Rail Fastening System.
- Inspection for Rail Insulated Joints (REJ 150,200,300) for fastening system, Baseplate, Check Rail & Isolation.
- Material Receiving Inspection for Reinforcement panels, ear thing Plates, Conductor rails, Running Rail, Guard Rail, Check Rail Assembly, Anchoring & Fastenings, Baseplates, Buffers, Level Crossing, Bonding Material, Welding Material, Steel Plates, Chiller Equipment's, Heat Exchangers etc.;
- Inspection Track Drilling and Gluing & Fixed Anchor Bolts.
- Slab Pre-inspections like Reinforcement Panels Binding & Welding, Shear Connectors, Installation of Chairs, Copper Plates Welding, Steels Strip Welding, Survey points, Cover blocks, ear thing connectivity.

## **Experience Profile 02.**

### **Organization & Clint:**



NKY Architects & Engineers.



Riyadh. KSA.

Web: [www.nky.com.tr](http://www.nky.com.tr)

**Mechanical Supervisor.**

**December 2014 to August 2015.**

**KAP-2. Ministry of Interior.**

### **Profession:**

### **Period:**

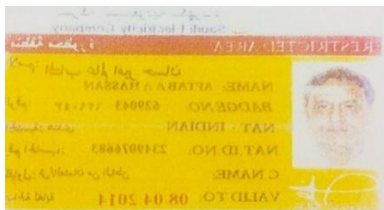
### **Project:**

### **Duties & Responsibilities:**

- ✦ To inspect the MEP work done by contractor as per shop drawing, approved material and standard project technical specification (PTS).
- ✦ Prepare the daily progress report.
- ✦ Monitor the daily base weather inclement plan.
- ✦ Check the shop drawing on PCM.
- ✦ Check the method statement for MEP on PCM.
- ✦ Check the ITP on PCM.

## **Experience Profile 03.**

### **Organization:**



Othman Consultant Group. KSA.  
Contemporary Structure Company.



Web: [www.cost.com.sa](http://www.cost.com.sa)

**Mechanical Inspector.**

**July 2013 to July 2014. One Year.**

### **Profession:**

### **Period:**

### **Duties and Responsibilities:**

- ✦ Saudi Electricity Company 132 KV & 33 KV Sub stations & Customer Service building in Al Jouf area Work as a Mechanical Inspector.
- ✦ Installation and execution of all Mechanical work at site.
- ✦ HVAC installation work, smoke test and air balancing with Clint Engineer.
- ✦ Installation of firefighting system, Sprinkler system, Fire Hose Cabinet, CO<sub>2</sub> fire suppression system as per NFPA Standards. Raise the RFI to Clint Engineer.
- ✦ Control the man power, machine power and materials on site.
- ✦ Prepare the weekly work progress and report to the HO.
- ✦ Co-ordinate with Structural, Architectural and Electrical Engineers for site progress.
- ✦ Instruct site supervisors regarding further work plan as per site requirements.

## **Experience Profile 04.**

**Organization:**

**DURL (Dubai Rapid Consortium).**  
Mitsubishi Heavy Industries.

<https://www.mhi-global.com>  
Dubai, United Arab Emirates.



**Profession:**

**Mechanical Site Supervisor.**

**Period:**

**September 2004 to September 2007. ( 02 Years).**

**Project:**

**Dubai Metro.**

**Clint:**

**Dubai RTA.**



هيئة الطرق والمواصلات  
ROADS & TRANSPORT AUTHORITY



**Supervision:**

**SYSPA.**

**Worked as a Track Supervisor in Dubai Metro, Red line, Station's Interchange -8, JAFJA.**

### **Roles and Responsibilities:**

- ✚ Track Distressing at Zone average temperature by process of Tensor and Natural Distressing. Inspections of 3rd Rails, Check Rail & Guard Rail, REJ & IRJ.
- ✚ Inspection of Level Crossing, Buffer Stops (Fixed, Friction & Wheel Stops). Inspection for Guard Rail, Check Rail Fastening System.
- ✚ Inspection for Rail Insulated Joints (REJ 150,200,300) for fastening system, Baseplate, Check Rail & Isolation.
- ✚ Material Receiving Inspection for Reinforcement panels, ear thing Plates, Conductor rails, Running Rail, Guard Rail, Check Rail Assembly, Anchoring & Fastenings, Baseplates, Buffers, Level Crossing, Bonding Material, Welding Material, Steel Plates, Chiller Equipment's, Heat Exchangers etc.
- ✚ Inspection Track Drilling and Gluing & Fixed Anchor Bolts.
- ✚ Slab Pre-inspections like Reinforcement Panels Binding & Welding, Shear Connectors, Installation of Chairs, Copper Plates Welding, Steels Strip Welding, Survey points, Cover blocks, ear thing connectivity.
- ✚ Responsible of working on the integration of railway equipment with a plinth track construction with a 1,435mm gauged lines, with the rolling stock.
- ✚ Perform Design Review.
- ✚ Perform T&C review on plan, schedule, etc.
- ✚ Attend meeting as required.
- ✚ Site visit, generating site report as required.
- ✚ Attend T&C testing as required.
- ✚ Technology Transfer to the Operator as time allows.

## **Experience Profile 05.**

**Organization:**

FIPCO (SAOG).



Muscat. Sultanate of Oman.

[www.fipco-oman.com](http://www.fipco-oman.com)

**Profession:**

**QA/QC Mechanical Inspector.**

**Period:**

**August 2001 to August 2004. 03 Years.**

**Project:**

**Clint: PDO, Muscat.**

### **Duties and Responsibilities**

Participate in the QA/QC and Inspection activities in plant Construction and Piping projects as per the Quality Control Inspection Plan (QCIP) of the Project's requirements. Major responsibilities handled are as below:

- Implement the project construction quality program at project site
- Carry out quality control activities including inspection, examination and testing to verify the quality of the installations and ensure construction operations are in compliance with project specifications
- Implement the quality control intervention points on the inspection and test plans, ITP (surveillance, Witness and mandatory inspection, and record review)
- Sign-off ITPs and quality control forms after all activities are complete, conformant and required records verified
- Implement the project quality control procedures, inspections and test plans, and construction procedures
- Implement the surveillance inspection program over contractors to ensure conformity to project Specifications / standards
- Perform receipt inspection and monitoring of interim construction site storage areas for permanent plant materials
- Implement the project material control requirements
- Implement and verify the document control process at site
- Perform inspection and testing of completed installations
- Prepare deviation reports to document nonconforming conditions as required
- Implement the project requirements for control of deficient items
- Control calibrated measuring and test equipment used on the project
- Implement the project records retention requirements
- Daily functional reporting of responsibilities and any quality issues to assigned Project QA/QC Manager
- Prepare of Documents for WPS, PQR, PWHT, Weld Map, NDE Procedure, Hydrostatic Test, and ITP.

## **Educational Qualification Details.**



**Saudi Council of Engineers** - Membership No: 336257

**Title:** B. Tech in Mechanical Engineering.



**Institute:** J.R.N Rajasthan Vidyapeeth University. Udaipur. Rajasthan.

**Title:** Diploma in Mechanical Engineering.

**Institute:** H. M. S. Institute of Technology.



**Year of Pass :**

Tumkur. Karnataka. India. Govt of Technical Education. Karnataka.  
July 2000.

**Certificate Attestation:**

HRD, MEA Delhi. Saudi, Dubai, Kuwait & Doha Embassy Delhi.

**Title:**

AUTO CAD. (ATI) Advanced Training Institute, Mumbai, India.

**Training Courses:**

Fire Safety Training. Regency Fire and Safety Services Ltd. Nairobi.

Occupation Health & Safety. Safe Tec Solutions Ltd. Nairobi.

CCRM Level 2 Training from MHI for Doha Metro Project.

Tunnel Access Card from Qatar Rail.

## **Personal Details.**

**Date of Birth:** 13-01-1973.

**Sex:** Male.

**Marital Status:** Married.

**Languages Known:** English & Hindi.

**Permanent Address:** N-52. N Block. Abul Fazal Enc-1.  
Okhla. Jamia Nagar. South Delhi. Pin:110025.India.

**Mobile: + 91 9971735098 & + 91 8383074731.**

**Driving License:** Kingdom of Saudi Arabia and Kenya.

**Passport Details:** K - 9664208. Valid up to 17.12.2022.