**MOHAMMED WASIUDDIN**

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**Career Highlights:**

Total of almost 8 years of experience in the field of Electromechanical Engineering in the Kingdom and Overseas projects including multi million pounds projects in England and India

**Career Objective:**

To work in a globally competitive environment on challenging assignments that shall yield the benefit of job satisfaction and achieve a Progressive and Challenging position in a reputed Organization.

**Professional Qualification:**

* MS in Radio and Mobile Communication Systems, Electrical and Electronics Engineering, University of Hertfordshire, Hertfordshire, London, United Kingdom.
* B-Tech in Electronics & Communication Engineering from (Jawaharlal Nehru Technological University), India.

**Summary of work Experience**:

* Top of Tower - Royal Clock Tower Makkah-[King Abdul Aziz Endowment Project](http://en.wikipedia.org/w/index.php?title=King_Abdulaziz_Endowment_Project&action=edit&redlink=1) from March 2013 to present as Senior Electromechanical Engineer.
* Al Mashaaer Al Mugaddassah Metro Project from Sept 2009 to March 2013 as Assistant Project manager.
* Building Construction Company in Riyadh from Jan 2009 to Sept 2009 as Project Engineer.
* Perform Construction UK Ltd, Ipswich from April 2008- Jan 2009 as Electrical Site Engineer.
* Essen building and Contracting Company from Jan 2006-Jan 2008as Electrical Site Engineer.

**Detailed Work Experience and Job Responsibilities:**

* **SL-RaschGmbh (Al-Burj International for Operation and Maintanence):**

(From March 2013 till present):

SL-Rasch specialises in Special and Lightweight Structures, integrating architecture and engineering. An interdisciplinary team of professionals composed of architects, electromechanical and aeronautical engineers. Sl-Rasch undertakes design and building so that complete control and quality can be maintained from design through production to final erection.

**Position: Electromechanical Engineer** for Complete Electro Mechanical (MEP) works in the Top ofClock Tower Makkah-[King Abdul Aziz Endowment Project](http://en.wikipedia.org/w/index.php?title=King_Abdulaziz_Endowment_Project&action=edit&redlink=1).

**WORK EXPERIENCE:**

**March 2013 to Till Date**

**SL-RaschGmbh,**

**Head office: Stuttgart, Germany.**

**Position: Senior Electromechanical Engineer (MEP)**

**Project: Clock Tower Makkah -**[**King Abdul Aziz Endowment Project**](http://en.wikipedia.org/w/index.php?title=King_Abdulaziz_Endowment_Project&action=edit&redlink=1)**.**

The **RoyalClock Tower-**[**King Abdul Aziz Endowment Project**](http://en.wikipedia.org/w/index.php?title=King_Abdulaziz_Endowment_Project&action=edit&redlink=1)in Makkah (Mecca) saw the tallest clock tower constructed the holy city of Mecca. Also four other towers beside this tall tower are being constructed based on the design by SL-Rasch.

**Client : Saudi Bin Laden Group**

**Consultant: DAR Al-Handasah**

**Main Contractor: ABCD (SBG)**

**Design Consultant: SL-Rasch**

**Responsibilities**

* Member of a designing and consulting company.
* Responsible to make sure the quality of installation in done as per Sl-Rasch’s design.
* Representing MEP Design team during the meetings with client, consultant, suppliers and other contractors.
* Responsible to take key decisions during the meeting which are in the interest of the company and current site situation.
* Assigned to be part of a team of engineers during the end stage of the project to successfully complete the project according to our own design and involve in taking handover.
* Works include complete management of the project design and installation, coordinating with the design team in Germany and making sure the quality of installation is as per our design and specification by supervising all other system/parties/contractors/suppliers.
* The works further includes but not limited to Design Coordination, Design review, and supervision for shop drawing, Procurement, Installation, Inspections and Testing & Commission.
* Closely worked along with DAR engineers (Read References below)
* Monitoring projects with respect to cost, Resource Deployment, Time over-runs and Quality Compliance to ensure execution of projects within the time & cost parameters.
* Planning all Services activities carried out by contractor including providing technical inputs & coordination with site management activity.
* **China Railways Construction Co., Makkah, Saudi Arabia:**

(From Sept 2009 till March 2013):

CRCC, one of the world's most powerful and largest integrated construction group, ranking the 133rdamong "the world’s top 500" on 2010 "Fortune", the 1st among "world's largest 225 contractors", and the 8thamong "China’s top 500 enterprises", is the largest engineering contractor in China, also China's largest overseas engineering contractor.

**Position: Senior Electrical Engineer** for Complete Electro Mechanical (MEP) work on the whole MMMP project worth at an approximate of **2 billion Saudi Riyal.**

**WORK EXPERIENCE:**

**Sept-2009 toTill Date**

**China Railways Construction Co.(CRCC) Makkah, KSA**

**Position: Assistant Project Manager MEP**

**Project: Al Mashaer Al Mugaddassah Metro Project.**

The Al Mashaer Al Mugaddassah Metro Line project in Makkah (Mecca) saw a 18.1km line constructed to connect the holy cities of Mecca, Arafat, Muzdalifa and Mina with a total of 9 stations and a depot between Arafat and Jamarat. The line services Mina, Arafat and Muzdafilah, each of which have three substations each. The four-line parallel loop network splits into single tracks covering all the encampment zones in Mina. Mina is the last station on the metro line and is located towards the west of the Jamarat Bridge. The metro line will be linked to all the four floors of the bridge with elevators

**Client : Ministry of Municipal and Rural Affairs, Kingdom of Saudi Arabia**

**Consultant: DAR Al-Handasah, MMMP**

**Main Contractor:China Railways Construction Co. (CRCC)**

**Responsibilities**

* Member of a Main Contracting Company (CRCC), among the world’s top rated MNC in the field of Railway construction.
* Assisting Project Manager during the different stages of the project.
* Started working with CRCC during the Phase-1 till the handover stage.
* Representing MEP during the meetings with client, consultant, suppliers and other contractors.
* Responsible to take key decisions during the meeting which are in the interest of the company and current site situation.
* Assigned to lead the team of engineers during the end stage of the project to successfully complete the snags and handover the project.
* Works include complete management of the project from the start till the completion and successful handover of each system in coordination with all system/parties/contractors.
* The works further includes but not limited to Planning, Design Coordination, Design review, supervision for shop drawing, bill of quantities(BOQ), Procurement, Installation, Inspections, Testing & Commission and clearing of Final snags from the consultant.
* Supervised Multi National Companies and suppliers including but not limited to ATKINS, K&A ,VEOLIA, SCHNIEDER, CARRIER, ELECTRIC HOUSE, SELA-PASS, ZAMIL, MURUJ, MADAR, SHARQAWI, MTS(AL-MAYSSAN), SKM AND SAMARA.
* Coordinated with other railway contractors for site progress and to troubleshoot the site and design interface issues. The contractors include OTIS, SIEMENS, WESTING HOUSE, THALES and CNR.
* Responsible to make sure all the procurement and installation was made as per the project specification and installation drawing.
* Closely worked along with DAR engineers (Read References below)
* Monitoring projects with respect to cost, Resource Deployment, Time over-runs and Quality Compliance to ensure execution of projects within the time & cost parameters.
* Planning all Services activities carried out by contractor including providing technical inputs & coordination with site management activity.
* **Building Construction Company, Riyadh:**

(From Jan 2009 to Sept 2009)

**Project: Construction of Villas, Riyadh**

**Position: Project Engineer**

**Client : Ministry of Interior, KSA**

**Consultant: DAR AL-RIYADH**

**Responsibilities**

* Preparing Request for Information/Inspection for consultant checking.
* Material, Human resource planning and preparing work Schedule.
* Perform technical clarification and resolving problems as per site conditions.
* Responsible for Coordinating with other engineering departments for smooth and timely execution of work on site.
* Attending Project meeting, discuss and resolve on site problems with client and RFI as required.
* Perform quantity take-off according to the Approved Shop Drawings and Prepare BOQ.
* Calculation of Actual Load Details and Voltage Drop based on designed Load details

* **Perform Construction UK Ltd, Ipswich:**

(From April 2008- Jan 2009)

**Project: Galley Shopping Mall, Ipswich**

**Client: Construction Clients Group**

**Consultant: Riley Consulting Company**

**Position: ElectricalSite Engineer**

**Responsibilities**

* Review of contract drawing and specifications.
* Preparation and co-ordination of shop drawings and liaison with main contractor and sub contactors as necessary.
* Providing registers, detailed drawings, sketches and other project information to assist in the

finalization, approval and installation on site.

* Preparation and review of design changes.
* Co-ordination with the consultant, main contractor and project manager to provide solutions affecting design development and co-ordination matters.
* Estimations of materials quantities required at site based on shop drawings produced.
* Testing and commissioning.
* Handover of the project.
* **Essen building and Contracting Company:**

(From Jan 2006-Jan 2008)

**Position: Electrical Site Engineer**

**Projects: L&T Phoenix (HitechCity and Intellicity), Hyderabad – India**

Design and Draught Engineering design working drawings for electrical Lighting, Power, and PAsystem, Fire Alarm, Lightning Protection and CCTV layouts.

**Key Job Objectives:**

* Development of design drawings.
* Checking of drawing and calculations generated by Draughtsman for technical accuracy and completeness.
* Interpret and layout electrical single line diagrams.
* Develop DB schematics, Panel Schematics based on the BOQ
* Perform cable routing, conduit and tray fill calculations, Raceway design etc.
* Develop bill of Materials.

**Computer Skills**

Operating system **:** Windows 7, Windows NT, XP, DOS

Packages  **:**  Ms-Office (Word, PowerPoint, Excel)

**Personal Profile**

Marital Status : Married

Date of Birth : 8thOctober, 1985

Nationality **:** Indian

Languages Known **:** English, Arabic, Urdu, and Hindi.

Iqama : Transferable.

License : Valid till 2022

**References**

* Mr. Mustafa Rasch, General Manager, **SL-Rasch GmbH**
* Senior Engr. RidvanDemiriz, **Sl-Rasch GmbH**
* Senior Engr. Awni (Electrical),**DAR CONSULTANTS**
* Senior Engr. Karimullah(Mechanical), **DAR CONSULTANTS**
* Senior Engr. Ahmed Yehyia(Electrical),  **DAR CONSULTANTS**
* Engr. Saleh(Electrical), **DAR CONSULTANTS**
* Mr.RidvanDemiriz**, Deputy Manager, SL-RaschGmBh**
* Engr. Basel Alabidi, **Project Manager, SL-RaschGmBh**
* Mr. Zhang Long**,( Deputy Project Director), CRCC, MMMP**
* Mr. Carman Chiu, **(Head of MEP), CRCC, MMMP**
* Mr. Anthony Yu, **(Deputy Head of MEP), CRCC, MMMP**
* Mr. Salman Farsi, **(Project Manager), Sharqawi, MMMP**
* Mr. Adnan Mughal**, (Project Manager), MTC, MMMP**
* Engr. Ahmed Ghonem**(Senior Design Consultant),ATKINS RSDC, MMMP**
* Engr. Tamer Ahmed**(Senior Design Consultant),ATKINS RSDC, MMMP**
* Mr. HishamKaaki**(Project Manager), MADAR, MMMP**

Other references and contact details shall be provided on request.