***Imtiaz***

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**Marital Status:** Single

**Nationality:** Pakistani

**Degree Award Year:** 2014 B.E Mechanical Engineering

**Awarding Institute:** Sarhad University Peshawar Pakistan

**Registrations: Pakistan Engineering Council**

**Saudi and Pakistan Driving License**

# OBJECTIVES

To enhance my skills and potential by working in an environment those is conducive to learning, hard work and creative thinking and apply my academic knowledge to challenging tasks leading to growth and development of organization.

**Current Employer:**

**June 20, 2015 – Jun 20, 2017**

**GCCMC Company**

**Takhassosy St. Al Munajem Building 2nd Floor, Riyadh, Saudi Arabia**

**Designation: Mechanical Engineer (MEP)**

**Main Activities: Plumbing, Firefighting, HVAC,**

**ACTIVITES:**

* Calculate the HEAT LOAD calculation as per ASHRAE standards and regulations.
* Lead drafting team to do HVAC, Plumbing and Firefighting design work as per Civil defense and Municipality requirements and solve all technical issues at right time.
* Check and correct the shop drawing submitted by the contractor and do the supervision to get quality work and complete project on time.
* Inspect all MEP works and see whether the drawings are properly followed or not.
* Planning, leading, directing and coordinating the work activities of staff and foremen of different trades.
* Reviewing and suggesting changes in preliminary building mechanical plans for utility distribution system.
* Preparing the complex reports, reviewing and maintaining the complex records.
* Directing and reviewing the effectiveness and efficiency of operations, review of reports and consultation.
* Reviewing preliminary Architectural, civil, structural, electrical and telecommunication plans for adequacy of HVAC, firefighting, water distribution and sewer needs and suggesting changes and alterations.
* Working with consulting and resident engineer on project progress and upcoming activities.
* Preparation of procurement plans and Monthly submission of mechanical material delivery reports to the management for the amount generation from BoQ.
* Establishment of work and safety standards.
* Reporting to the project manager about daily, weekly, monthly and quarterly progress report.
* Correspondence with head office, Client, suppliers, sub-contractors and site management staff.
* Complete study of the IFC Drawings, Project narrative, Royal Commission Specification for materials and work proper work execution.
* Reviewing and directing of work according to the quality standards and its record keeping.
* Supporting quality engineer in Preparation of Method statements, Technical submittals, approvals, Technical Quires, Inspection and Test Plans and Quantity calculations.
* Correspondence with electrical, Civil and telecom department

**SYSTEMS WORKED:**

* Sewage System
* Potable Water System
* Fire Water System
* Storm Drainage System
* Irrigation Water system
* Fire Fighting System (Wet and Dry Pipe Systems)
* Wet chemical fire suppression system
* Multi split DX Systems

**TYPES OF PIPES & JOINTS:**

* UPVC & CPVC Class 3, 4 & 5 and PPR (chemical weld, Bell & Spigot type Joints)
* RTRP Pipe (Reinforced Thermosetting Resin Polymer Class F) (O type Rubber Ring Mechanical Key Lock Joint and taper-taper joint
* GRP (Glass Reinforced Polymer Pipe) (Double Bells joint)
* Black Steel Pipe Schedule 40 & 80 Copper pipe K-type

**Previous Employer:**

**June 2014 – June 2015**

PCE (Power construction and Establishment) Riyadh

**Designation: Mechanical Engineer (MEP)**

**Main Activities: Plumbing, Firefighting, HVAC,**

**Duties & Responsibilities:**

* Lead the team to execute work at site and resolve all technical issues at the right time.
* Lead the drafting team in reviewing municipality approved designs and does corrections if needed.
* Act as a liaison between management, contractors and proponents to ensure proper communication.
* Estimates the quantity of materials prior submittal for budget allocations approval and control the project as per the approved budget and drawings.
* Prepares shop drawing and submit for approval.
* Arrange all materials required and send it to the site prior job execution to ensure all required materials are ready so as to avoid delays.
* Explaining technical problems to non-technical colleagues & contractors.
* Responsible for coordinating and planning daily work activities.

**Previous Employer:**

**June 2013 – June 2014**

**Allied Engineering Consultants (PVT) Ltd.**

**Peshawar H#7, Usmania Street Warsak Road, Peshawar, Pakistan**

**Mechanical Engineer (Trainee)**

* Site execution of HVAC work.
* Estimation of Quantity for HVAC work.
* Heating and cooling load calculation Through Revit MEP.
* Site coordination with other services.

**ACCOMPLISHMENTS:**

* Handled and completed the following projects:

Diet Center Al Qasim, Diet Center Jeddah, Almunajim New Villa Riyadh Takhaswsi, Almunajim Villa D Riyadh Takhaswsi, Dewaniya Riyadh Takhaswsi, Almunajim Building Riyadh Malaz, Wedding hall Riyadh, Shaukat Khanum Hospital Peshawar, Human Power Washing Machine, Design & Animation of Geneva Mechanism in Pro-E, Design of Pulley hand Pump using Pro-E, Control of DC Motor

**COMPUTER SKILL:**

* Auto desk Revit MEP
* Auto CAD
* Photoshop
* Web Design
* MS Excel, Word, Power Point
* MS Project, Access, Outlook