

ENGR. IMTIAZ

Mechanical Engineer (MEP Engineer)

ARKAN POWER Electromechanical Qatar

(Total work experience 6 years)

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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

Qatar, 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:

1 July 2017– Till Now

Arkan Electromechanical Company Qatar

Doha- Qatar

Designation: Mechanical Engineer (MEP)

Main Activities: Plumbing, Firefighting, HVAC,

ACTIVITIES:

- 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

Previous 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:

- Identification of changes in Tender, IFC, Shop and As Built Drawing as per requirements.
- Take off Quantity, Preparation of measurement sheet.
- Preparation of cost proposal, BOQ, New Rate and Rate Built-up.
- Preparation of payment application & Pay Certificates, Monthly Dashboard.
- Handover of project and Coordination with Consultant, main contractor as a Quantity Surveyor.
- Review of project specification, contract drawings, BOQ etc. for identifying engineering requirements of the projects.

- Preparation of As Built Drawing, work notification, shop drawings, site instructions and other technical
- Documents after discussion with Project Manager.
- Supervise all site activities and verify that all the works are in line with approved shop drawing and
- quality standards.
- Installation of MEP Services as per Shop Drawings and contract specification.
- Perform all site activities in compliance with Company's Health, Safety and Environmental Management System.
- Organize site meetings with subcontractor, consultants and client.
- Update project Management on site progress through tracking schedules and meetings.
- Conduct inspections of materials and site installations and verify the compliance with Specifications.
- Raising NCR to suppliers /subcontractors if not complying with specifications.
- Raising MIR, WIR and MAR for inspection and Coordination with Consultant.
- Review architectural drawings and prepare Heat load calculations, machine selection, ducts and piping.
- Quantity take-off and prepare Quotations initiate material requisitions and submittal material.
- **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:
Baladna phase 1 Milk factory Alkhor Qatar, Baladna phase 2, Baladna phase 3 Milk and plastic factory 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

REFERENCES:

Engr. Mustafa Al Oklah

Company: GCCMC

Position: Project Manger

Contact #: +966552041819

E-mail Address: malokla@alamedaa.com

Engr. Muhammad Awais

Company: AEC (PVT) Ltd.

Position: Mechanical Engineer

Contact #: +923139153232

E-mail Address: awaisjan2626@gmail.com

Engr . Yahya

Company: PCE

Position: Project Manger

Contact #: +966555197911

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