**NAWAZ AHMAD ANSARI**

**(Senior Mechanical Engineer)**

***Add:*** *P.O BOX No- 3893,*

*Dammam- 38481, Saudi Arabia*

***E-mail*:** [*nawazahmad123@gmail.com*](mailto:nawazahmad123@gmail.com)

Contact: +966-597882735

**Career Objective**

Seeking new challenges and result oriented endeavor environment in *Electro-Mechanical* field especially Designing, project management, consultant and construction with professional company, using my analytical, professional skills & commitments to perform high quality professional work with a high degree of skill & integrity by proving to be an invaluable asset.

**ACADEMIC QUALIFICATION**

B.Tech in **Mechanical Engineering** from Rajasthan Technical University, Kota (Rajasthan) with 1st Div. in 2010.

**PROFESSIONAL TRAINING**

Undergo **Diploma in HVAC Designing & Drafting** from Dhanush Computers Ltd. Hyderabad (A.P).

**PROFESSIONAL EXPOSURE**

A through professional with around **7 years** of experience in HVAC, Fire Fighting, Plumbing works Design, Execution, Projects Planning, Site Coordination and Team Management.Currently designated as a ***Project Engineer with M.R Al-Khathlan Co. for Contracting, Dammam (K.S.A)***

1. **ABROAD**
2. **Company : M.R AL-KHATHLAN CO. FOR CONTRACTING, DAMMAM**

**Project Name : Upgrade of Sulfur Handling & Export Facilities at Berri Gas Plant (ARAMCO),**

**Jubail**

**Design Consultant : JACOBS ZATE, AL-KHOBAR**

**Work Duration :** From January, 2016 – Till Date.

**Country :** Saudi Arabia

**Job Responsibilities:**

* Working as a ***Mechanical Project Engineer*** providing technical guidelines with Jacobs-Zate design team.
* Review Technical requirements of client’s specifications in accordance with Saudi Aramco Standards like SAES, SAMSS SAEP, SATIP, SAER and ensure that agreement is reached on the basis of design.
* Monitor work progress during detail design with Design Consultant and ensure that compliance with company policies, procedures and standards, applicable laws and regulation; assist the Saudi Aramco Standards policies and procedure.
* Leading the entire Mep Engineering activities to carry out design work based on standard Company procedure / other procedures. Timely completion of design and engineering deliverables.
* Leading engineering Efforts to carry out design work as per the requirements of project.
* Prepare the BOQ and specifications and forward the same to the Quality surveying department for the preparation of contract documents.
* Develop design concepts for projects and review the same.
* Prepare Technical Bid Evaluation for Approved Materials of different Regulated Vendor List (RVL) from Aramco 9 COM.
* Raising Purchase Requisitions as per specification / drawings. Arrangement of materials for use on site for smooth continuation of work.
* Manpower planning and Verification of materials received at site.
* Attend regular coordination / progress meetings. Timely preparation of variations.
* Arrange/Schedule inspection of works by the Saudi Aramco QC Inspector at site upon raising of RFI.
* Maintaining proper records of testing & commissioning of individual systems for onward submission.
* Prepare & review the relevant As-Built drawings & O&M manuals, Trainings for final documents.

1. **Company** : **Al-Mansouryah Trading & Contracting Est. RIYADH**

**Work Duration** : From October, 2012 – December, 2015.

**Country** : Saudi Arabia

**Job Responsibilities:**

* Worked as a ***MEP Project Engineer*** provides professional & technical guidelines.
* Mechanical Design & its Review for all HVAC/Plumbing/Firefighting system in the projects removal/rectification of comments from client.
* Preparation of Project Study Report as per standard format.
* Coordinate and follow up with Project Architect / External Consultants used for MEP requirements.
* Prepare and submit the Engineering calculations required, shop drawings from consultant for all Mechanical/HVAC/Plumbing/Firefighting products/materials as appropriate for the following upon obtaining approvals from the respective HOD’s and process for further approvals from Client / Consultants and Authorities.
* Writing specification for the proposal of Mechanical works and materials for the different equipment.
* Floating enquiries and obtain back-up quotations from suppliers for material finalization.
* Raising Purchase Requisitions as per specification / drawings. Arrangement of materials for use on site

for smooth continuation of work.

* Material chasing & follow up for delivery as per agreed Schedule and Bar Chart.
* Manpower planning and Verification of materials received at site.
* Work follow up overall site relevant to all Mechanical/HVAC/Plumbing/Firefighting engineering

works in the projects.

* Attend regular coordination / progress meetings. Timely preparation of variations.
* Arrange/Schedule inspection of works by the Consultant at site upon raising of RFI.
* Maintaining proper records of testing & commissioning of individual systems for onward submission.

Preparation & submission of monthly subcontract certificates.

* Attends meetings, Presentation of mechanical tasks of Client/ consultant, Project Manager and provide

reports regarding Sub-contractor progress.

* Keeping proper record of all the work for each project done both in soft and hard format.
* Supervision daily Mechanical execution activities of the running projects at the project sites & give daily tasks to site supervisor/technical personnel (staff and consultants) during field activities on daily basis.
* Prepare & review the relevant As-Built drawings & O&M manuals, Trainings for final documents.
* Supervision of pre & final inspection of work & rectification of Punch List & preparation of closeout

report.

**Project Undertaken**

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| --- | --- | --- |
| **SL.** | **CLIENT** | **PROJECT** |
| **1** | **King Khalid Hospital- Extension Service**  **Building, Riyadh (K.S.A)** | Erection and commissioning of HVAC (Capacity 800 TR.),Fire Fighting, Plumbing, R.O Plant, L.P.G System Works.  **Project Cost:** 200 Million (Saudi Riyal) |
| **2** | **Prince Sultan Cultural Centre & Parking, Riyadh (K.S.A)** | Erection and commissioning of HVAC (Capacity 1100 TR.), Fire Fighting, Plumbing Works.  **Project Cost:** 220 Million (Saudi Riyal) |
| **3** | **King Abdul Aziz Univ. Hospital-**  **Extension Building, Riyadh (K.S.A)** | Erection of HVAC (Capacity 1500 TR.), Fire Fighting, Plumbing Works.  **Project Cost:** 300 Million (Saudi Riyal) |

1. **INDIA**
2. **Company : Unique Engineers Pvt. Ltd.**

**Work Duration :** From March, 2010 – October, 2012

**Company Address :** SCO-20, Sector- 14, Gurgaon (Haryana)

**Projects Handled :** HVAC Projects

**Job Responsibilities:**

* Serve as ***HVAC Design Engineer*** providing professional & technical guidelines.
* Visit to Site. Collecting design inputs and drawings like Architectural plans, Reflecting Ceiling plans,

Structural drawings and drawing related to utility areas.

* Understand owner/Client design requirements prior to the commencement of any design project; coordinate with the Standards for further clarifications on design requirements.
* Coordinate with the team members effectively to ensure that all projects progress as planned in order not to cause project delays or budget over runs; ensure the update the clients with regards in the progress.
* Assist on site HVAC, Fire Fighting, Plumbing Engineers by responding to technical queries which they raise; assist site staff in verifying sample materials submitted by contractors (as and when required) to ensure compliance against ministerial requirement and specifications.
* Manage proposal review process to assess feasibility, quality, accuracy and completeness of Technical

Proposals before submission.

* Based on Collecting inputs from sites Calculation of Heat Load , selection of Equipments and Air /

Water inlets and Outlets like Chillers, Cooling Tower, AHU’s, fresh air AHU’s, FCU’s, Pumps , VAV-

box’s, Exhaust fans, Kitchen Hoods, Square diffusers, Linear-slot diffusers, Grilles.

* Based on equipment selection preparation of supply, return, extract air Duct layouts, Duct sizing and

Air balancing, selection of pipes and piping layout, water balancing, Pump Head Calculations.

* Coordination with architecture and other utilizes and preparation of HVAC shop and layout drawings.
* Review all design drawing to meet the company’s quality standard.
* Obtaining Consultants / Architects approval and release of drawings for site work.
* To make a Technical data sheet of materials as per requirement and follow for approvals from Client /

Consultants and Authorities.

**Project Undertaken**

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| **SL** | **CLIENT** | **PROJECT** | |
| **1** | **All India Institute of Ayurveda (AIIA), Sarita Vihar, New Delhi** | Design, Calculations and Erection of HVAC System (Water Cooled Chiller Plant , Capacity 1300 TR) | |
| **2** | **Marriot Hotel, Bhopal (A Bhaskar Group Venture) M.P** | | Design, Calculations and Erection of HVAC System (Air Cooled Chiller Plant, Capacity 360 TR & 270 H.P VRV Refrigeration Unit) |
| **3** | **Metro Cash & Carry, Ludhiana (Punjab)** | | Design, Calculations and Erection of HVAC System (Air Cooled Chiller Plant, Capacity 180 TR) |
| **4** | **Bharti Wallmart Agra (U.P)** | | Design, Calculations and Erection of HVAC System (Air Cooled Chiller Plant, Capacity 90 TR) |
| **5** | **Bharti Wallmart Indore (M.P)** | | Design, Calculations and Erection of HVAC System (Air Cooled Chiller Plant, Capacity 125 TR) |
| **6** | **Indore Airport, Indore (M.P)** | | Design, Calculations and Erection of HVAC System (Water Cooled Chiller Plant, Capacity 800 TR) |

**SKILLS**

TECHNO-FUNCTIONAL COMPETENCIES

* Knowledge of laws and local regulatory framework.
* Knowledge of international standards (ASHRAE, SMACNA NFPA)
* Knowledge of Design Software AutoCAD, Pro-E, Catia V5, Solid Works.
* Knowledge of HVAC Software like Block Load, Duct Sizer, Pipe Sizer, HAP
* Knowledge of M.S Office, M.S Project, Photoshop, Basic C & C++

**LINGUISTIC ABILITIES**

English, Hindi, Urdu, Arabic

**PASSPORT DETAILS**

Passport Number :  **G8876125**

Date of Issue : 29/01/2009

Place of Issue : PATNA

**STRENGTH**

Hard working, Sincere, Ability to learn fast & Positive Attitude, Innovative and Logical Thinker.

**PERSONAL DETAILS**

Father’s Name : Zahir Ahmad Ansari

Date of Birth : 20 Dec. 1985

Marital Status : Married

Nationality : Indian

Religion : Muslim

Permanent Add. : Naya Bazar, Hospital Road, Qutub Market, Siwan, (Bihar), Pin- 841226

**DECLARATION**

I hereby declare that the above information and Particulars are true to the best of my Personal knowledge and belief.

**Place:**

**Date: Nawaz Ahmad Ansari**