

NAWAZ AHMAD ANSARI
(Senior Mechanical Engineer)

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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)***

(A) ABROAD

(1)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.

(2)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

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)

B. INDIA

(1)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

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:

Ahmad Ansari

Nawaz