

ABID JAMAL

Mechanical Engineer
Riyadh, Saudi Arabia
Email: abidjamal63@gmail.com
Contact No. +966-501394631/ +91-8750925043



Position Applied: HVAC Engineer (Project, Planning, Testing & Commissioning)

Current Project: Riyadh Metro Project Line 1, North Depot

Client: BACS (Bechtel, Al-Mabani, CCC, Siemens)

Total Experience – 5+ Years

OBJECTIVE

To perform and share my knowledge and skills to the benefit of the organization, and to gain valuable work experiences.

CORE COMPETENCE

- ❖ Experience in Project Planning, Implementation & Testing and Commissioning in Mechanical Project.
- ❖ Experience and technical knowledge in centralized air conditioning systems, chillers with Reciprocating and screw type compressors, cooling tower, hot water generators, air handling units, pumps, pipes, air washers, blowers, Industrial and ventilation fans etc. in compliance with international codes and standards.
- ❖ Experience in process design, preparation of purchase specifications, technical evaluation of the bids, and participation in technical meetings with vendors and clients/consultants, vendor document review/approval and site technical support.
- ❖ Familiar with ASHRAE, ISHRAE, SMACNA, NFPA Codes and Industry standards.
- ❖ Sound ability to work on multiple job profile independently.
- ❖ Detail Design of HVAC system, Cooling load and Ventilation, U value calculations, Fan ESP and Pump head calculations, Duct and piping network, Smoke management system.
- ❖ Experience in the design of the HVAC (Central cooling plant, chilled water piping distribution, air duct distribution, variable air volume systems, ventilation, DX systems, VRF, etc.)
- ❖ Design activities related to Plumbing and Firefighting system such as Daily usage requirement, Sizing of Pumps, Water tank sizing, Sump sizing, riser diagrams, combined sprinkler and hydrant system.
- ❖ Design activities related to HVAC such as Cooling and Heating load & Ventilation, Psychometrics, Pressure drop and Head calculation, Fan and pump selection, Ducting & Piping sizing.
- ❖ HVAC technical knowledge necessary to complete the job.
- ❖ Experience in the HVAC software (IES, HAP, Trace and Elite), MEP Revit, Excel, Power Point and Word.
- ❖ Knowledge of heat pump technology, HVAC concepts and systems, refrigeration systems, electro-mechanical, blowers, motors, sheet metal, and HVAC equipment.

WORK EXPERIENCE

KG Tech Arabia -

Dec 2019-Present

Project: Riyadh Metro Project Line 1 – North Depot

Position: Testing and Commissioning Engineer

Client: BACS (Bechtel, Al Mabani, CCC, Siemens)

Consultant: RMTC

Key Responsibilities:

- Responsible in the preparation, submission and execution of the Testing and Commissioning Plan.
- Execute and supervise dealings in accordance to commissioning guidelines and deadlines.
- Ensure the planning strategies are achieved and project completion with available resources.
- Management of all commissioning, supervisors and technical leads that belong to T&C team across the projects.
- Ensure the management and updating of test & commissioning records and reports.
- Provide input and insight to the overall commissioning plan to the Project Managers.
- Responsible of all Method Statements and Risk Assessments
- Ensure all commissioning and testing events are executed on schedule.

Saicon Systems Private Limited -

(Mar 2017 to Dec 2019)

Project: Competition Commission of India (CCI)

Position: HVAC Project and Design Engineer

Client: NBCC

Key Responsibilities:

- Handling all post order processing activities like design review, Heating & cooling load calculation, copper pipe sizing for VRF system, pipe routing, , duct sizing and airflow routing, placing of machines review and correcting .
- Preparing detailed engineering drawings with all necessary sections, Plant room details, ducting, piping etc.
- Providing effective planning/scheduling functions on projects in accordance with clients/company policies, procedures, specifications and project baseline
- Prepare HVAC drawings and submit to clients for approval & Study the drawing and feasibility of installation
- Measurement of items erected at site, preparation of variation & approval
- Prepare project summary and reports
- Inspection of HVAC Systems including chillers, AHUs, FCUs, Heat Exchangers & CHW Pumps.
- Provide technical assistance to supervisor/ foreman when requested.

Air Excel Authorized Dealer of BLUE STAR LIMITED -

(June 2015 to March 2017)

Project: Red Carpet Grand Hospitality Private Limited, Ghaziabad

Position: HVAC Project Engineer

Key Responsibilities:

- Responsible for implementations and monitoring of all HVAC related works at site as per approved drawings and methods and safety rules.
- Estimates, prepares and assigns the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.

- Interprets construction drawings and studies the contract documents and applicable standards or specifications prior to execution of any jobs
- Manages directly and provide engineering and technical supports to all the Mechanical work groups at site
- Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required
- Ensures that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards
- Cooperate with warehouse to determine which parts should be ordered for stock.
- Coordinate work with other shops as needed
- Review all work orders before and after completion
- Measurement of items erected at site, preparation of variation & approval
- Provide technical assistance to mechanics when requested

ACADEMIC QUALIFICATION:

- Bachelor in Mechanical Engineering from Uttar Pradesh Technical University (UPTU) in 2015.
- 10+2 from B.S.E.B in 2011.
- Matriculation (10th) from B.S.E.B in 2009.

SOFT SKILLS:

- MS- Office
- AutoCAD
- Revit MEP
- HAP (Hourly Analysis Program)
- Negotiation Skills
- Numerical Skills

PERSONAL DETAILS:

Birth Date : December 18, 1994
Birth Place : Motihari
Marital Status : Single
Citizenship : Indian
Gender : Male
Religion : Islam
Languages : English, Arabic, Hindi & Urdu
Iqama No. : 2482696693

DECLARATION:

I hereby declare that the above furnished details are fully true to the best of my knowledge.

Date:

Signature: Abid Jamal