

CURRICULUM VITAE

MD KHALID AHMAD

Mechanical Engineer

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Mumbai



Objective:

Seeking a challenging Position in a growth oriented organization of repute, to utilize my knowledge and work experience to efficiently realize the Company goals and meeting requirements through effective design and management of projects.

Educational Qualification:

- **Bachelor in Technology (Mechanical)** from Magadh University, India.2008-2012

Work Experience

Over 06 years' experience in MEP Engineering field (05 years in UAE)

1. **EMPLOYER : M/S PROCHNOST ELECTROMECHANICAL LLC. DUBAI**
 - **DESIGNATION : MECHANICAL ENGINEER**
 - **DURATION : JUNE 2016-JULY 2018**

PROJECTS UNDERTAKEN:

- ✓ **Project Name: B+G+M+12+RF Building**
Client: Khalil Mirzamohamed Ali hussain
Consultant: Abdul Rhem Architectural consultant.
Main Contractor: Becon Contracting LLC Dubai
MEP Contractor: Prochnost Electromechanical Dubai.
- ✓ **Project Name: B+G+8 FL+ROOF+UR**
Client-Ali Hassan Abdul latif Hassan Hattab
Consultant-Dimension Engineering LLC Dubai (UAE)
Main Contractor-Union Contracting LLC Dubai (UAE)
Mep Contracting – Prochnost Electromechanical LLC Dubai (UAE)

Job Responsibilities include:

- Assist in planning, and assigning the installation of hvac, plumbing & firefighting systems.
- Review incoming and completed work orders and maintains related records.
- Co-ordinating with draughtsmen to prepare shop drawings and builders work drawings based on the approved materials, submittals, in co-ordination with the other services
- Prepare schedule of work as per discussion with client and available resources.
- Preparation of material submittals including the required schedules, engineering calculations, compliance statements etc. and follow up with the consultants for approval.
- Manage proper planning of the project as per the schedule.

- Inspect work in progress and upon completion for conformance with prescribed standards and safety regulations. Prepare the bills as per the details from the site and getting them approved from the client.
- Attending site meetings and co-ordinating all activities of the project (including liaison with consultants and other services) till the stage of execution.
- Inspect and test system to verify system compliance with plans and specifications and to detect malfunctions.
- Creating proper commissioning report as per the performance of the system and handing over of the system with proper documentation to the client.

2. **EMPLOYER : M/S POWER FACTOR ELECTROMECHANICAL. LLC. DUBAI**

- **DESIGNATION : MECHANICAL ENGINEER**
- **DURATION : JUNE 2013-JUNE-2015**

PROJECTS UNDERTAKEN:

- ✓ **Project Name: B+G+M+12+RF M/S Late of mohammad rasool khouri**
Consultant- Adwar engineering consultant llc Dubai
Main Contractor- Al Arif Contracting LLC Dubai (UAE)
Mep Contracting – Power Factor LLC Dubai (UAE)
- ✓ **Project Name:-G+4+24 Building Mosque, Supermarket**
Client:-Al Wasl
Consultant:-Belyoha Architecture and Engineering Services.
Contractor:-AL Arif Contracting LLC Dubai
MEP Contractor:-Power Factor LLC Dubai (UAE)
- ✓ **Project Name:- G+2 +RF The School Of Research Science Dubai**
Consultant- Belyoha Architecture and Engineering Services
Main Contractor- Al Arif Contracting LLC Dubai (UAE)
Mep Contracting – Power Factor LLC Dubai (UAE)

Job Responsibilities include:

- Thorough knowledge on HVAC, Plumbing works.
- Execution of Chilled water piping and ducting works including Building Management Systems.
- Mechanical Estimation of HVAC drawings.
- Floating inquiries inviting quotations from suppliers, preparation of comparative statements (both technical and commercial), finalize rates and release Letter of Intent.
- Preparation of material submittals including the required schedules, Engineering Calculations, compliance statements etc. and follow up with the consultants for approval.
- Preparation of Bill of Quantities (B.O.Q) as per the specified drawings and quotations for high rise buildings.
- Preparation of Heat Load Calculations for the building as per the requirements and in accordance to the building survey following the ASHRAE and CARRIER Codes.
- Ducting design following the SMACNA or DW 142 codes standards, selection of Grills, and diffusers.

- Selection of equipment's such as Chillers, Pumps, Air Handling Units, Fan Coil Units, Ventilation Fans, Split Units etc. based on consultant specifications/requirements of worldwide approved standards such as ASHRAE.
- Co-ordinating with draughtsmen to prepare shop drawings and builders work drawings based on the approved materials, submittals, in co-ordination with the other services(electrical and plumbing), involving ducting and piping design based on specified standards and follow up with consultants for approval.
- Submission of the Engineering calculations- Pump Head for CHW Pumps, External Static Pressure Calculations for AHUs, FCUs, and Fans.
- Supervising installation of underground Chilled Water Pipes.,
- Operation and maintenance of Air-conditioning system consisting of air cooled chillers, chilled water pumps and operation of B.M.S.
- Attending site meetings and co-ordinating all activities of the project (including liaison with consultants and other services) till the stage of execution..
- Handing over the project, ensure timely completion of all installation based on the specified/ approved standards and follow up with the consultants for approval.
- Preparation of schedules for all equipment like Chillers, AHUs, FCUs, Fans, Pumps etc.
- Checking the quality of installation of equipment's, ducting, piping etc. with regular site visits.
- Schedule workload and resources and provide advices, guidance and working supervision to technicians.
- Carry out duties in a way consistent with the company values.
- Ensure health and safety standards are maintained at all times at site.

3. **EMPLOYER : M/S VOLTAS LIMITED. MUMBAI**

- **DESIGNATION : MECHANICAL ENGINEER**
- **DURATION : FEB 2012-DEC-2012**

PROJECTS

- ✓ **THE CHAMBERS, MUMBAI – COMMERCIAL COMPLEX VRV AIR CONDITIONING.**
- ✓ **SURYA GOLD, MUMBAI – GOLD SHOWROOM CRV AIR CONDITIONING.**
- ✓ **FINANCIAL TECHNOLOGIES, MUMBAI – VRV AIR CONDITIONING OF NINE STOREY OFFICE BUILDING.**

Job Responsibilities include:

- Design the heat load of all the specific areas in the project as per the drawing submitted by the consultant / client.
- Match the heat load outputs with the client version for proper system selection of the system.
- Get appropriate rates from vendors and quote for HVAC enquiries of various different systems.
- Design ducting layout as per the requirement of CFM and co-ordination with other systems in the installation.
- Selecting of proper equipment as per the available and required conditions and in co-ordination with the interior management. Getting the selected material approved from the clients.
- Checking status and measurement of the installation and getting the measurements approved from the clients.

- Proper selection of materials from the list of available vendors as per the requirement of the project.
- Creating work and man power management schedule for the project and properly handling the project as per the schedule.

Software Skills:

- AutoCAD
- HAP 4.9
- MS Office Suite
- Operating Systems: WIN XP, WIN NT, and 9 X.

Personal Profile

Date of Birth	: 12 July, 1989
Gender	: Male
Father's Name	: Md Khursheed Anwar
Religion	: Islam
Nationality	: Indian
Passport valid	: 04/06/2022
Visa Status	: Residence Visa (UAE) (cancelled) 2018
Language Proficiency	: English, Hindi
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Md Khalid Ahmad