

CURRUCULUM VITAE

SYED AMEAR,
MEP Design Engineer,
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JOB APPLICATION

To
The HR Manager

Sub: Application for the post of "MEP Design Engineer".

Dear Sir,

With reference to the above subject, I avail this opportunity to introduce myself Syed Amear. I am in a field where creative and logical thinking is must and I am confident that I can do justices to the work with my talent and skills.

Being actively involved in the field of **MEP** for **1 year**, I have gained wide experience, which has benefited me professionally and broadened my creative and logical thinking in the **MEP** field.

I am confident to Design & Draft the Mechanical works for commercial, Residential, Hospitalized & industrial projects.

I'm enclosing here my **Curriculum Vitae** for your kind consideration of my candidature and hope that I may get an opportunity to prove my worthiness.

Keeping in view of my qualification, knowledge and experience, I am confident that I can fulfill the above-mentioned assignment perfectly and live up to your expectations.

Looking forward for a favorable response.

With best regards,

Syed Amear

Enclosure: Resume

BRIEF OVERVIEW:

Looking for a challenging and demanding position in a growth oriented MEP consulting organizations, where there is ample scope for individual and organizational growth.

SUMMARY:

Around **1 YEAR OF EXPERIENCE IN MEP** Industry with, good analysis and design capability, good communication and interpersonal skills, proven individually in project management and worked with team of professionals.

WORK EXPERIENCE:

- Presently Working as **MEP DESIGN ENGINEER** IN TAIBA ENGINEERING CONSULTANTS, Hyderabad, India from May 2016 – May 2017.

EDUCATIONAL QUALIFICATION:

- B.Tech [Mechanical] from VIVEKANANDA College Of Engineering

COMPUTER KNOWLEDGE:

Hvac Design :

- Hourly Analysis Program (HAP) For Heat Load Calculation.
- TOSHIBA Software for VRV pipe sizing.
- ZAMIL Software for Equipment selection (Package AC, AHU, FCU, Chillers)
- GENERAL FORM
- E-20 FORM
- Chilled Water Pipe Sizing by McQUAY Pipe Sizer
- Duct Sizing By McQUAY Duct Sizer
- CAREER PSYCHOMETRIC CHART ANALYSER
- BETA TERMINAL DEVICE SELECTOR (Diffusers, Grills, Louvers)
- EXPANSION TANK SIZER
- Hydraulic Calculations for Chilled Water Pump Selection.
- Cooling Tower Selection
- Duct Designing by Equal Friction Method, Velocity Reduction Method, Static Regain Method.
- Ventilation Calculations for Kitchen, Toilets and Car Parking Areas.
- External Static Pressure (ESP) Calculation for Blower Selection.
- CONVERTERS

Plumbing Design:

- Water pipe Sizing in Buildings
- Hydraulic Calculations for Pump Selection
- Septic Tank sizing
- Soak Away Pits Calculations
- Designing Storm Water Drainage In Building
- Manhole Design
- Estimating Hot water Demand and Heater Capacity Selection.

Fire Fighting Design:

- Fire Water Sump sizing, Over Head Tank sizing
- Sprinklers Selection, Designing, Pipe Sizing.
- Fire Fighting Pump Selection by Hydraulic Calculation.

Revit MEP 2018:

- Creating an MEP Project, Linking Projects, Creating and applying a view to Template,
- **Planning Mechanical System:-** Preparing Spaces, Creating Zones in different levels, Analyzing Heat and Cooling Load, creating a Air Flow Schedule.
- **Designing Mechanical Air System:-** Placing Hosted and Non Hosted Air Terminals, Creating supply Air Systems, Creating Duct Work manually and Automatically.
- **Designing a Mechanical Piping System:-** Adding Mechanical Equipment , Creating a Piping System, Adding Pipe using Auto Or Manual Layout, Sizing Pipe, Adding Valves, Inspecting a System.
- **Planning Electrical System:-** Specifying Electrical Settings, Defining Required Lighting, Creating Color Fills and Schedule
- **Designing an Electrical System:-** Adding Lighting Fixtures, Placing Switches, Junction Boxes, Creating Lighting Circuits with Wires, Creating Switch System, Creating Power Loads, Balancing Wire Sizes and Breaking Services.
- **Designing a plumbing System:-** Adding Sanitary Fixtures, Creating a Sanitary System, Refining the Sanitary Stack, Creating Cold Water System, Creating the Hot Water System.
- **Planning a Fire Protection System:** Specifying Pipe Setting, Determining Zone Requirement, Creating a Sprinkler Design Schedule.
- **Designing a fire Protection System:-** Adding Sprinklers, Creating a piping System, Modifying Pipe Diameters.
- **Creating Documentation Views:-** Duplicating plan Views, Creating A plumbing Isometric Riser.
- **Working With Annotations and Dimensions:-** Creating Annotations, Creating Dimensions, Creating a Legend.

Drafting Software:

- AutoCAD 2017, REVIT MEP 2018

TECHNICAL EXPERTISE:

HVAC JOB RESPONSIBILITIES:

- Heat Load calculations, Heat Loss calculations following **ASHRAE Standards**.
- Air Distribution System by Velocity Reduction Method, Equal Friction Method and Static Regain Method following **SMACNA Standards**.
- ESP Calculations for Fans & Blowers.
- Toilet & Kitchen Ventilation system Designing.
- Car Parking ventilation and fresh air system Designing.
- Head Loss calculation for Primary & Secondary Pump system.
- Chilled water pumps, condenser water Pumps Selection and power calculation.

- Selection of Chillers, AHU'S, FCU'S, Exhaust Fan, Blower, Window Ac, Cooling Tower, Desert Cooler and other Equipment's.

PLUMBING JOB RESPONSIBILITIES:

- Underground reservoir, Elevated Roof Tank Sizing.
- Water Supply System and Foul Water Drainage System Calculation.
- Vertical Stack, Branch Drain pipe, Horizontal sewer Sizing.
- Manhole, Septic Tank, Soak away pit Calculation.
- Storm water drainage & External water supply Calculation.
- Head loss Calculation for Water Pipe System..

FIRE FIGHTING JOB RESPONSIBILITIES:

- Fire water Demand & Fire water tank Calculation following **NFPA Standards**.
- Head Loss calculation for Fire water pumps system.
- Jockey pump, Main Pump, Diesel Operated Pump, and Booster Pumps Selection.
- Sprinkler system, Fire Hose Cabinet, Water Hydrant system, Smoke detector, Heat detector Selection.

RESPONSIBILITIES AS A MEP Designer Engineer

- Worked as a MEP Designer Engineer.
- Preliminary planning based on Architectural drawings.
- Concept/Design discussions with the clients and Architects.
- Co-ordination with architectural and structural & all MEP work.
- Checking the weekly and monthly progress, dealing with consultant, reporting the project manager and to the project management team.
- Monitoring the sub contractor work progress, checking the quality of work as per specification and approved drawings.
- Going for the inspection on the site.
- Checking of all HVAC, ELECTRICAL & Plumbing Service Drawings.

PROJECTS HANDLED:

- Aishwarya Silks is six Flory building with two basements contains a huge area of 1000 square feet. Design of a building and site requirements were handled by our firm
- Maruti car showroom at Hyderabad , HVAC Designing & Drafting is done by our firm.
- Commercial Centre is a high rise building based in Hyderabad. Designing and Execution were major aspects done by our firm. This project went on for one year and executed successfully
- Hill Residency, Hyderabad is a high rise building. A complete MEP Designing was under taken by our firm
- Shadan engg college building , HYDERABAD, HVAC Designing and drafting.

PERSONAL DETAILS:

Name : SYED AMEAR
Father's Name : SYED MEER
Sex : Male
D.O.B : 25-02-1994
Marital Status : UNMARRIED
Nationality : Indian
Passport Number : P3776951
Language Known : English, Urdu, Hindi.
Permanent Address : 2-2-10/1, THILAK ROAD, KORUTLA-505326, TELANGANA, INDIA

DECLARATION

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

Date : 02-07-2018

Place : Hyderabad

Yours Sincerely

(SYED AMEAR)