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**Shahbaaz**

**Mechanical Engineer (MEP)**

**Present address:** Deira, Dubai.

**Visa Type:** Visit Visa

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**MECHANICAL ENGINEER (MEP)**

**Career Summary**

* A technically astute, professional with**4years** of experience in MEP Project Execution, Management, Design.
* Working as an MEP Engineer specialized in Mechanicalsystem (HVAC, Fire Fighting, Plumbing & Drainage) and independently handling multiple projects successfully.
* Extensive expertise in conducting site inspections for different mechanical services as per the design, specifications, quality standards, project requirements and state governing authorities.
* Sound Knowledge of HVAC System and cooling load calculations.
* Skilled in preparing commercially viable HVAC cost estimation.
* Revit MEP Modelling
* Impeccable problem solving skills, able to survey potential or full-blown problems and recommend a solution for such problems as quickly as possible.
* Excellent communicator with the ability to handle multiple functions.

***Added Expertise:***

-Mechanical Engineering -Quality Management

-Mechanical design -Site Management

-Problem solving -Cost control

-Manpower mobilization -Cross functional coordination

**Professional Experience**

**- PERFECT INFRAENGINEERS LTD, MUMBAI, INDIA**

As a Mechanical Engineer**-(**JAN 2014 TO FEB 2018**)**

**domain skills as amechanical engineer(mep)**

* Design Review and supervise drafting team for shop drawing preparation.
* Obtain consultant approvals for all the MEP equipment, services, shop drawing as per specifications and design drawing.
* Monitor the progress and activities of MEP subcontractors at project sites to ensure all project time, cost, and quality milestones are achieved as per project plan.
* Estimating indirect manpower, equipment and site facilities requirements for all tenders complying with the tender drawings and specifications as per the pre-set project milestones.
* Identifying all NCRs/Defects/Snags and follow-up with MEP team for effective, corrective and preventive action on the same.
* Maintaining records and archives to company standards.
* Trouble shooting and problem solving at the time of testing and commissioning of particular services.
* Attending the site co-ordination meetings with client, consultant and project contractors and follow-up for quality related issues, prepare agenda, take minutes and follow-up.
* Assisting site HSE department to maintain safe and accident free environment at site.
* Performed responsibilities of providing engineering input in estimating equipment and material cost for successful project execution.
* Monitoring the site timely to assure the ongoing work is in accordance with quality standards of state authority and with company’s QA/QC requirements.
* Timely Coordinating with other contractors and MEP specialist contractors for proper flow of Project to achieve target dates within allocated budget.
* Assisting planning department to formulate the project completion program and update the same on weekly and monthly basis.
* To follow the weekly look ahead programs set for the project.
* Assisting QS department to claim the time and cost variations in the project.
* Daily follow up with the site supervisors to achieve the target completion.
* Material ordering and follow up for the delivery with procurement and supplier.
* Provide complete Engineering assistance to contractors or clients for design and built jobs.
* Proactive approach for clarifying the comments and consultant’s doubts.
* Product presentation to the consultant and arrange the factory visit to get the product specified in the vendor list.

**Key Contribution**

 **PERFECT INFRAENGINEERS LTD, MUMBAI, INDIA**

* **Accomplished several building projects, including**
* **JP Morgan, Mumbai [ B + G + 11]**

 Client – JP Morgan, Mumbai.

Consultant- CBRE, Mumbai.

* **Reliance Commercial Tower, Navi Mumbai [B + G + 30]**

Client –Reliance Industries limited, Pune.

Consultant- Hafiz Contractor, Mumbai.

* **Mantralay, Mumbai [B + G + 2].**

Client –Unity Infra, Mumbai.

Consultant- Ace Engineering consultants, Mumbai.

**Education & Professional Qualifications**

* **Bachelor of Mechanical Engineering** from Dr.BAM University, Aurangabad (M.S.) INDIA**in MAY 2014**.
* **Diploma in Mechanical Engineering,** From Govt. of Maharashtra State Board of Technical Education Mumbai, (M.S.) INDIA**inMAY 2010.**

**Summary of Skills**

**Heat Ventilation and Air-Conditioning**

Design, Estimation, Supervision.

**HVAC Software**

Carrier Hourly Analysis Program (**HAP**), McQuay Duct Sizer, Chilled water pipe sizer.

**Design and Analysis Packages**

AutoCAD, Revit MEP.

**Software Packages**

Microsoft Office.

**personal details**

Date of Birth : 10Dec 1991.

Nationality : Indian.

Language known: English, Hindi, Urdu & Marathi.