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**AROCKIA**

**AUTOCAD DRAFTSMAN**

**AROCKIA.372290@2freemail.com**

**SUMMARY**

* Effective time management.
* Excellent managerial techniques.
* Good knowledge of designing.
* Good numeric ability.
* Can accept responsibility.
* Quick decision making.
* Disciplined and loyal.

***Job Responsibilities:***

***HVAC:***

* Co-ordination with consultants and contractors.
* Calculate Heating loads and air flow requirements based on design parameters by HAP software & manually using ISHRE or ASHRE.
* Duct sizing by using duct sizer.
* Establish the physical layout of the equipment and ductwork by using AutoCAD or a manual drawing.
* Equipment selection and specification. Selection of Indoor & Outdoor machines.
* HP calculation, Gas calculation, Pipe calculation.
* Developing Bill of Materials for the completion of works.
* Monitoring all the HVAC work, to ensure the work done is in accordance to the approved shop drawings and quality standards.
* Follow up with site staff for any kind of changes in installation and to ensure that the consultant’s comments are implemented and arrange revisit of consultant to the designated area at site.
* Monitor all quality related activities on site.
* Assisting Project Manager for correspondence with Client, Contractor, etc.

**AGHORA INFRASTRUCTURE PVT LTD, KOLLAM,**

*Acting role:* **MEP Engineer**

*Acting Role:* **Accountant** *(from February 2014 to till date)*

**EXPERIENCE**

* **BE (Mechanical Engineering)** at Anna University, Tamilnadu - India, in 2016.

**Certification course**

* **MEP (Hvac, Electrical, Plumbing, Fire Fighting).**
* **Certified in AUTO CADD, CRE-O.**

**EDUCATION**

* Eager to learn new technologies and methodologies.
* Ability to produce best result in pressure situation.
* Knowledge of the practical application of engineering principles.
* An enthusiastic person with highly motivated and leadership skills having bachelors of engineering degree in Mechanical Engineering.
* Ability to Multi-task and organize functions within any environment and given deadline.

**HIGHLIGHTS**

Looking for a position as an MEP AUTOCAD DRAFTSMAN in dynamic environment where experience and professionalism are valued and required as means of attaining company success in strategy.

***PLUMBING & FIRE FIGHTING:***

* Design, Estimation & Installation of Plumbing/Drainage/ Firefighting system in a building.
* Classification of buildings by using NBC.
* Selection of firefighting equipment for Active & Passive fire protection system...
* Designed and implemented water supply layouts and schematics for new residences and commercial buildings.
* Pipe sizing, Pump head calculation for water pump, water tanks calculation, design of septic tank, water supply and drainage.
* Coordination with client, Consultant, Main contractor, Vendor’s and government departments.
* Follow with supplier for compliance statement, test reports, technical data sheet for approval.

***ELECTRICAL:***

* Calculation of Electrical load by using NEC codes for light & power circuits. Then making of Balanced Phase Distribution and Unbalanced Phase Distribution.
* Knowledge of Electrical Engineering principles and concepts.
* Selection of equipment for light & power circuits.
* By using calculation selection of circuit breaker, Bus Bar, Cables, Transformers, Generator for different type of loads.
* Design of phase wiring, control wiring, Single Line Diagram(SLD).
* Developing Bill of Materials for the completion of works.
* Follow up with site staff for any kind of changes in installation and to ensure that the consultant’s comments are implemented and arrange revisit of consultant to the designated area at site.

**SOFTWARES**

* Auto Cadd.
* Cre-o.
* MS Office.

**PERSONAL INFORMATION**

**DECLARATION**

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

* Visit visa validity: Nov, 2017
* Passport validity: 16th July,2023
* Nationality: Indian
* Status: Single
* Language: English, Tamil, Malayalam.