***Curriculum Vitae***

**MOHAMED**

[**Mohamed.371923@2freemail.com**](mailto:Mohamed.371923@2freemail.com)

**Mechanical Engineer**

A mechanical engineering degree holder and sound knowledge about HVAC automation systems, installation procedures, and repairing of HVAC products, seeks to work as a HVAC project engineer for a recognized organization.

* Strong skills in performing installation and commissioning of ACMV / HVAC (Heating, Ventilation, Air Conditioning Systems)
* Strong skills in performing servicing of ACMV / HVAC (Heating, Ventilation, Air Conditioning Systems)
* Problem-solving and time-management abilities; adept at identifying the root cause of issues and implementing creative, targeted solutions.
* Team spirited with effective communication and presentation skills, able to coordinate with management, vendors, and staff to achieve goals.

**Academic Background**

* Bachelor of Engineering (Mechanical Engineering)

Hindustan University,

Graduated: November, 2015

**Main Project**

Design & Fabrication of Aqua Silencer

An Aqua Silencer is mainly dealing with control of emission and noise in automobile exhaust. By using activated charcoal, perforated tube and outer shell it is constructed. An Aqua Silencer is fitted to the exhaust pipe of the engine. The activated charcoal filters the harmful sulphur and nitrous content produced from the engine. Sound produced under water is less hearable than it produced in atmosphere. This is mainly because of small sprockets in water molecules, which lowers it amplitude thus, lowers the sound level. Because of this property water is used in this silencer and hence its name AQUA SILENCER. It is tested in single cylinder 4-stroke diesel engine the noise and smoke level is considerable less than the converted silencer.

**Technical Skills**

**Programs:**  Basic AutoCAD,

MS Office

Class 3 Driving License

**Work Experience**

Worked as an Engineer in **VK Building Services Pte.Ltd.**

VK Building services is a leading distribution & installation company dealing in air conditioning equipment, cooling equipment, chillers, ducting and mechanical ventilation works based in Chennai ,India. My work experience in Intellect Air as follows:

* Ensure the HVAC Ducts, Fittings, accessories are available and approved by Inspection department  prior to installation.
* Analyse approved HVAC Shop Drawings, MEP- Coordination Drawings, Work method statement and Project Specification from Project department.
* Ensure sufficient hand tools, power tools, ladder and scaffolding are available for installation.
* Coordinate with other discipline and ensure  site clearance is available to start the HVAC Activities.
* Arrange the sufficient manpower such as Supervisor, Foreman, Duct fitter, pipe fitter, Assistant duct and pipe fitter etc.., and ensure all of them attended safety orientation and having proper PPE’s prior start installation activities at site.
* My Service Period Is 01.07.2014 To 01.07.2016.
* To maintain safety all construction  HVAC  and Chilled water piping activities are carried out in accordance with the Company’s safety policies and procedures;
* Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification and get daily progress report from site supervisor (or) foreman and update to project Engineer (or) Manager.
* Assist the Commissioning Team in Pre-commissioning & Commissioning stages of all HVAC Equipment’s.

**Personal Details**

Date of Birth : 19. May. 1992

Nationality : Indian

Languages known : English - To Read, Write and Speak.

Tamil - To Read, Write and Speak.

**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge.