

• Personal Info



DUBAI, UAE



056 944 2585



kkhashirmtl@gmail.com



[linkedin.com/in/muhammedhashirkk](https://www.linkedin.com/in/muhammedhashirkk)



MUHAMMED HASHIR KK

MECHANICAL ENGINEER

• Software

AutoCAD	●●●●●	Very Good
HAP	●●●●●	Excellent
Duct Sizer	●●●●●	Excellent
Pipe Sizer	●●●●●	Excellent
Revit	●●●●●	Good
MS Office	●●●●●	Very Good

• Languages

English	●●●●●	Superior
Malayalam	●●●●●	Native
Tamil	●●●●●	Advanced
Hindi	●●●●●	Advanced

• Skills

HVAC Design and Heat Load Calculation	●●●●●	Very Good
Effective Multitasking	●●●●●	Very Good
Team Management	●●●●●	Excellent
Problem Solving	●●●●●	Very Good
Recording Keeping and Reporting	●●●●●	Very Good

Mechanical Engineer with 1-year experience in Taiba Engineering Consultants (TEC) in Air Conditioning/Refrigeration/HVAC industry as a HVAC design and drafting professional with a passion towards Energy efficient and sustainable buildings. A highly adaptive, efficient and hardworking professional, who specialized in HVAC Designing, Coordination, Drafting and Review technical drawings and interpret details, analysis and perform calculations.

• Work History

2018-08 - **HVAC Engineer**

2019-08 Taiba Engineer Consultants, Bangalore, INDIA

- Worked from architectural plan and base file to produce engineering construction documents in Revit and Auto CAD.
- Analyse sketches, notes and other input material to determine and plan the best approach to develop and complete drawings with minimal supervision.
- Perform site research to understand existing site or building conditions.
- Designing and modelling of Heating Ventilation and Air Conditioning (HVAC) systems using AutoCAD.
- Prepared heating and cooling Load calculation with HAP 4.61 and E20.
- Fresh air calculation using ASHRAE standards.
- Conducted load calculations for AHU, FAHU, FCU, FAN, CHILLER WATER PIPE and other equipment, sizing and selection.
- Designing of toilet and kitchen exhaust system.
- Preparing primary and secondary pump head calculations.
- Designing and drafting of ducts and piping systems.
- Calculated air changes and ventilation requirements based on type of system.
- Familiarized with international codes and standards for construction and design.
- Inform project engineers and team leaders of progress on assigned projects and communicate design concerns with project manager.
- Coordinated with team members involved in a project towards completion and success of a project.

• Education

2013-05

BACHELOR OF TECHNOLOGY (B. Tech):

2017-06

Mechanical Engineering

PRIST UNIVERSITY - India

• Certifications

2018-07

Diploma in HVAC - Designing & Drafting

2018-07

Diploma Course in Revit MEP - Designing & Modelling