



Hadhy Unais. V

MECHANICAL HVAC ENGINEER

hadhyunais@gmail.com

LINKEDIN: [linkedin.com/in/hadhy-unais-85b54177](https://www.linkedin.com/in/hadhy-unais-85b54177)

+971589820300

Date of Birth

14-10-1990

NATIONALITY

Indian

LANGUAGES

English, Malayalam

Tamil, Hindi.

SUMMARY

I am Hadhy Unais, an Engineering graduate in Mechanical with an experience in the role of HVAC Project and Design Engineer. A highly motivated and confident professional with exceptional multi-tasking and organizational skills. Having extensive experience of efficiently maintaining maintenance and smooth operations with adequate technical & software skills.

CORE COMPETENCIES

Holding both UAE & Indian driving licence.

Strong work Ethic.

Contract/ Order management.

Technical Proposals.

Maintain and troubleshoot HVAC systems.

Design for good air quality.

Perform heat load calculation.

Preparation of Bill of quantity.

Commissioning.

Refrigeration.

Organisational skill.

Project management.

Project planning.

Computer Aided Design (CAD).

Procurement and material tracking.

EDUCATION

B.E Mechanical (Bachelor of Engineering in Mechanical)

At Maharaja Prithvi Engineering college, (Anna University, Chennai, India)

Class XII computer science stream 2008-2009

At Mambaram English medium School, (Central board of secondary education, India)

Class X 2006-2007

At Sree Narayana Vidya Mandir Senior Secondary School, (Central board of secondary education, India)

CERTIFICATION COURSES

Advanced Engineering Diploma Course in Refrigeration and Air Conditioning

At IIE (ISHRAE Institute of Excellence) Bangalore Chapter, Karnataka-India in 2017

Course on AutoCAD 2D, 3D for Mechanical Engineers

At CADD Centre Training Services Bangalore, Karnataka-India in 2017

Non-Destructive Testing (UT, MT, RT, PT) under ASNT

At WQC Institute of NDT and Inspection Technology, Cochin Kerala-India

MS-Office (Word, Excel, Power Point)

At G-Tech Computer Education Kannur, Kerala-India in 2002

Diploma in Graphic Designing & Multimedia {Adobe Photoshop, Adobe Illustrator, Quark Xpress, Adobe In design, Macromedia Flash, Flash (intro.), ISM (Malayalam)}

At Sree Sankaracharya Computer Centre Kannur, Kerala-India in 2006

PROFESSIONAL EXPERIENCE

Worked with Excel Interiors & Contracting LLC, Silicon Oasis, Dubai as a Design Engineer, from October 2020 to present.

Responsibilities include:

- Design MEP drawing as per authority's standard
- Submission of MEP drawings to concerned authorities for the approval.
- Rectifying comments from authority and attending meeting with authority engineer If required.
- Getting drawing approval from client.
- Apply for building management NOC or developer NOC.
- Heat load calculation as per the ASHRAE standards by manual and excel.
- Equipment selection.
- Incorporating the standards in the architectural drawing layouts.
- Site visit, mark up to prepare as built drawing.
- Preparation of HVAC BOQ.

Project Experience:

- School project.
- Office buildings.
- Residential building
- Restaurants
- Clinic
- Warehouse
- Supermarket

Worked with Thawat, Kuwait City, Kuwait as a Design Engineer, from October 2019 to February 2021.

Responsibilities include:

- Heat load calculation as per the ASHRAE standards by manual and excel.
- Equipment selection.
- Design and plan ducting, piping, IDU, ODU, type of cooling.
- Incorporating the standards in the architectural drawing layouts.
- Setting up quantity list and BOQ.
- Preparing shop drawing, GFC drawing, section drawing, as built drawing.
- Inspecting the site to check all works are done as per drawing and standards.
- Site coordination on day-to-day basis.

Project Experience:

- Residential buildings.
- Office buildings.

Worked with Psychrometric Solutions & Systems PVT LMT, Bangalore, India as a Project Engineer, from January 2017 to March 2019.

Responsibilities include:

- Responsible for preparing and providing submittal packages construction projects.
- Interfacing with recognized manufacturing assembler providing technical support during the build process and in addition, providing purchase resources.
- Supervise engineering and design personnel, reviewed and coordinated projects with client.
- Coordination with other vendors.
- Frame and execute daily plan and task.
- Material inspection as per approved material submittal.
- Preparing daily progress report.
- Coordinate with HVAC commission team, test and execute commissioning plan.
- Preparing JMS and get certified by the client.

Project Experience:

- Pharmaceutical R&D labs, building.
- IT buildings.

Worked as an intern HVAC Design Engineer in Vertex consultancy Bangalore, India from November 2016 to January 2017.

Responsibilities include:

- Heat load calculation as per the ASHRAE standards by manual and excel.
- Equipment selection.
- Submitting technical submittals.
- Design and plan ducting, piping, IDU, ODU, type of cooling.
- Incorporating the standards in the architectural drawing layouts.
- Setting up quantity list and BOQ.
- Preparing shop drawing, GFC drawing, section drawing, as built drawing.

Worked with SAHAR CONTRACTING LLC, SHARJAH, UAE as a HVAC Project Engineer, from February 2014-August 2016.

Responsibilities include:

- Preparing, scheduling, coordinating and monitoring the assigned project.
- Monitoring compliance to design standards and quality.
- Interacting daily with the clients to interpret their needs and requirements.
- Assign responsibilities and mentor the team.
- Review engineering deliverables and initiate appropriate corrective actions.

Project Experience:

- Residential buildings.
- Hotels and Restaurants.
- Office buildings