



MOHAMAD AL HAYEK

Mechanical Power Engineer (HVAC - Renewable Energies)

About Me : I have residence that can be loaned

Fresh Mechanical Engineer - I have experience in air conditioning systems and renewable energies
Studying thermal loads and cooling loads, choosing the necessary mechanical devices, reading air conditioning plans and supervising their implementation
Drawing AutoCAD Duct Diagrams - Revit - Hap - Duct Size
Accurate calculations on the psychometric chart
Full knowledge of the development of renewable energy science, solar cells and wind turbines and working with them

WORK EXPERIENCE

TECHNICAL SERVICES CONTRACTING L.L.C 2021-2022

HVAC Engineer

- Receiving architectural plans for villas and buildings and drawing air conditioning lines on them using AutoCAD.
- Calculating thermal loads for projects and creating a box plan for the air conditioning circuit.
- Selecting the mechanical devices necessary for the capacities and quantities of air required, communicating with the concerned companies, and assigning the project.
- Choosing the appropriate grill for air distribution and decoration.

ARABIAN CEMENT & BUILDING 2020-2021

Mechanical Engineer

- Supervising the Production team In the Plant Support the maintenance team when needed.
- Design many equipment and accessories for machines Using SolidWorks to improve the quality of work (Hoppers, Ramps, Screen Mesh, Etc.).
- Create a new design for the fire fighting system in the company Using AutoCAD.

DUCT MANUFACTURING WORKSHOP

Forman

2014-2020

- Choose the types of sheet, thickness and quantities.
- Tight detailing so as not to lose large parts of the panels.
- Supervision of bending and shearing operations.

CONTACT

✉ hayekali10@gmail.com

☎ 00971544287377

📍 Dubai - Deira

SOFTWARE SKILLS

- HVAC (Split - Duct)
- Renewable Energies
- AutoCAD - Revit
- SolidWorks
- HAP - Duct Size
- Microsoft Office

SOFT SKILLS

- Observation
- Decision Making
- Communication
- Multi-tasking

Language

- Arabic (Mother tongue)
- English (conversation)

EDUCATION

Bachelor's Degree in Mechanical Engineering

UNIVERSITY OF ALEPPO

2015 - 2021