

MOHAMMAD KHURSHID

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CAREER OBJECTIVE

- To acquire a challenging position in HVAC field where my abilities and experience will help me advance in the field for the growth of myself and of the organization.

WORK EXPERIENCE

Designation: Mechanical (HVAC) Engineer

June 2017- Present

Company: Aircare Ducting & Insulation, Pune, India

Responsibilities:

- Primary duties include selection of equipment's ,duct routing, detail design engineering of HVAC system involving heat load calculation, and guide the draftsman in the drawing preparation.
- Chilled water pipe Sizing, pump head calculation with selection of pumps & External Static Pressure (ESP) calculation of Ducting using SMACNA standards.
- Performed calculations of heating & cooling load of HVAC systems in accordance to the building survey following the ASHRAE & CARRIER standards & Codes and reviewed of mechanical shop drawings, designs & drawings of contractors, & cost estimates.
- Ensure the HVAC ducts, fittings, accessories and chilled water pipes, fittings; accessories are available and approved by inspection department prior to installation.
- Provide approved HVAC shop drawing, MEP Co-ordination Drawing to site supervisor (or) Forman and inform them to shift the required ducting and piping approved material from warehouse to site and arrange required material to avoid progress delay.
- 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.

QUALIFICATION

- B-Tech. in Mechanical Engineering**, Academy Of Technology, West Bengal University of Technology, completed in 2017.
- Higher Secondary (10+2)**, Mohammad Jan Higher Secondary School, West Bengal Council of Higher Secondary Education, completed in 2012.
- Secondary (10th)**, Rishra Anjuman High School, West Bengal Board of Secondary Education, completed in 2010.

TRAINING & CERTIFICATION

- Advanced Diploma in Mechanical (HVAC) Designing & Drafting, from Institute of Building Services Engineering, Hyderabad, India
- Industrial Training at Mejia Thermal Power Station, DVC, West Bengal, India.

ACADEMIC PROJECT

Title: PARAMETRIC STUDY OF PNEUMATIC VANE MOTOR AND DESIGN CONSIDERATIONS

Location: Academy of Technology, Hooghly

Role: To determine and analyze the relationship between various design parameters & the results obtained from computations (using C-Programming) taken as inputs for obtaining the graphical representations and design its components by using Solidworks software.

SOFTWARE SKILLS

- AutoCAD
- MS Office -Word, Excel, PowerPoint
- Carrier HAP 4.5 (Hourly Analysis Program)
- Duct sizer (McQuay)
- Pipe Sizer (McQuay)
- Solidworks

PERSONAL DETAILS

Father's Name	: Mohammad Shahjahan
Date of Birth	: 19th May, 1995
Languages Known	: English, Urdu, & Hindi
Nationality	: Indian
Marital Status	: Single
Sex	: Male
Hobbies	: Playing Cricket, Gillidanda

Place: Pune, India

Mohammad Khurshid.