

CURRICULUM VITAE

K.V.N.B.S.P.Shankar, B.Tech. **Mechanical Engineer,**

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Present Address:
Al-sharafi building,
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Dubai

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SUMMARY

- Qualified HVAC Engineer with more than 10+ years of Experience in Designing & on Site Execution along with coordination.
- Capable to be part of a Team-Environment or as an Individual.
- HVAC Software's: Elite, Hourly Analysis Program (HAP).
- Design Tools: AutoCAD.
- Extensive experience in HVAC Projects.
- Profound knowledge of HVAC Engineering design programs.
- Familiarity with Heat load calculations, layout and sizing of HVAC Projects.
- Sound ability to understand design codes and its specifications.
- Proven ability to manage budget and meet all deadlines.
- Pronounced knowledge of installation and commissioning of HVAC equipments.
- Proficient with AutoCAD and MS office suite outstanding organizational skills.
- Proficient in providing investigation and construction services.
- Excellent communication skills with an ability to coordinate with project members, consultants, client & contractors.

■ EDUCATION

Bachelor's Degree in Mechanical Engineering, BVC Engineering College, and Jawaharlal Nehru Technology University

■ PROFESSIONAL EXPERIENCE

Organization: RSS Design & Contracting Company. (INDIA)

Duration: 2017 to Sep2021

Designation: Design & Project Engineer

Project: 1) Bridge Country.

2) Adharr Shopping center.

3) Prestige villas

Responsibilities: As HVAC Design Engineer

- Preparing the MAS submittals required for the materials and ensuring that they are in compliance with specifications.
- Inspected the materials and escalated all issues to the consultants.
- Duct system design, supervision, duct fabrication and installation of the ductwork following SMACNA.
- Preparation the pump head calculation for the selection of pump head.
- Preparing the Static Pressure Calculation for the selection of FAHU, AHUs & Extract Fans capacity.
- Developed the engineering equipment submittals and prepared contract drawings.
- Evaluated the engineering drawings and coordinated with Civil & MEP services to install the equipments.
- Site supervision of all Air-conditioning works.
- Preparing the As Built drawing for the project HVAC System.

■ PROFESSIONAL EXPERIENCE

Organization: Green Optima Air Conditioning LLC. (Dubai)**Duration:** JUNE 2015 to Nov2016**Designation:** Senior Mechanical Engineer**Project:** 1) Foundation & Projects for Sheikha Rawdha Bint Ahmed Bin Juma ALmaktoum School,
2) PROPOSED G+1 MOSQUE AT MOTOR CITY.
3)2B+G+P+12R+Roof commercial/Residential building at Al Barsha.**Responsibilities: As HVAC Design Engineer**

- Preparing the MAS submittals required for the materials and ensuring that they are in compliance with specifications.
- Inspected the materials and escalated all issues to the consultants.
- Organized the working of the projects, procured the major items such as AHU, Pumps and exhaust fans ETC.
- Duct system design, supervision, duct fabrication and installation of the ductwork following SMACNA.
- Preparation the pump head calculation for the selection of pump head.
- Preparing the Static Pressure Calculation for the selection of FAHU, AHUs & Extract Fans capacity.
- Developed the engineering equipment submittals and prepared contract drawings.
- Evaluated the engineering drawings and coordinated with Civil & MEP services to install the equipments.
- Site supervision of all Air-conditioning works.
- Preparing the As Built drawing for the project HVAC System.

■ PROFESSIONAL EXPERIENCE

Organization: Al Turki Enterprises .(OMAN)

Duration: JUNE 2012 to JAN 2014

Designation: HVAC Engineer

Project: Office Complex 2010

Responsibilities: As HVAC Engineer

- Preparing the MAS submittals required for the materials and ensuring that they are in compliance with specifications.
- Inspected the materials and escalated all issues to the consultants.
- Organized the working of the projects, procured the major items such as AHU, Pumps and exhaust fans ETC.
- Duct system design, supervision, duct fabrication and installation of the ductwork following SMACNA 2, DW 144 codes.
- Preparation the pump head calculation for the selection of pump head.
- Preparing the Static Pressure Calculation for the selection of AHU Fan capacity.
- Developed the engineering equipment submittals and prepared contract drawings.
- Evaluated the engineering drawings and coordinated with Civil & MEP services to install the equipments.
- Preparation & submission of daily reports of achieved & progress works.
- Monitored the projects and tracked the delivery of the materials to the site, ensured that the shipping schedule meet the project schedule.
- Site supervision of all Air-conditioning works.
- Preparing the As Built drawing for the project HVAC System.

■ **PROFESSIONAL EXPERIENCE**

Organization: Seetha constructions.(INDIA)

Duration: OCT 2010 May2012.

Designation: Designing & Site Engineer

Project: Progressive Engg College, Naturals beauty parlor, saket villas.

Responsibilities: As HVAC Design Engineer

- Prepared the MAS submittals required for the materials and ensured that they were in compliance with specifications.
- Preparation & submission of daily reports of achieved & progress works.
- Supervision of daily project activities with intent of quality assurance and progress monitoring.
- Preparation & submission of work schedule which is to be done.
- Inspected the materials and escalated all issues to the consultants.
- Organized the working of the projects, procured the major items such as AHU, Pumps and exhaust fans ETC.
- Developed the engineering equipment submittals and prepared contract drawings.
- Evaluated the engineering drawings and coordinated with Civil & MEP services to install the equipments.

- Monitored the projects and tracked the delivery of the materials to the site, ensured that the shipping schedule meet the project schedule.
- Duct system design, supervision, duct fabrication and installation of the ductwork following SMACNA 2, DW 144 codes.
- Ensure safe work environments, control the use of material and avoid damages and waste, request material, tools and equipment needed for the projects and issue the foreman daily instructions as per the work plan
- Preparation the pump head calculation for the selection of pump head.
- Maintaining records and archives to company standards.
- Calculating the Duct Sizing according to the CFM or L/s by using McQuay Software.
- Site supervision of all Air-conditioning works.

■ PROFESSIONAL EXPERIENCE

Organization: Abdul Rahman Al-Naim Consultant Engg (Saudi Arabia) tie up with International consultant Bernard Ingenieure ZT-Gmbh. (Saudi Arabia)

Duration: AUG 2008 to JULY 2010

Designation: HVAC Design Engineer

Project:

- HVAC & Fire suppression design of Construction of schools and kindergartens .Jubail .(KSA)
- HVAC & Fire suppression design of Construction of neighborhood center and sector center in jalmudah phase-1 (mosques). (KSA)
- HVAC & Fire suppression design of expansion of temporary academic male facility at JUC, phase -1 jubail. (KSA)
- HVAC & Fire suppression system of Construction of apartments, student dormitories JIC, phase-2. (KSA)
- HVAC & Fire suppression design of Construction of sports center, jalmudah. (KSA)
- HVAC & Fire suppression design of Jubail technical institute expansion phase-4. Jubail, (KSA)
- Partially works HVAC & Fire suppression design government building phase1, Jubail, (KSA)
- HVAC & Fire suppression design of Construction Ma'aden Saudi Arabian mining company (Al-Jalamid village). (KSA)
- HVAC & Fire suppression design of Jubail technical institute (KSA)

Responsibilities: AS HVAC Design Engg

- Preparation of Design basis report (DBR).
- Preparation of technical room data sheets.
- HVAC Heat load calculations based on ASHRAE and other international codes & standards.
- Heat load calculation using soft ware's HAP (Hourly analysis program) & Elite.
- Selection of equipments duct and pipe routing, detail design engineering of HVAC system involving heat load calculation.
- Duct design following SMACNA standards.
- Calculating the Duct Sizing according to the CFM/L/s by using McQuay Software.
- Preparation single line diagram and giving Guiding to AutoCAD draftsman preparing ducting diagrams ETC.

- Preparing the Measurements of Ducting & Piping using Excel sheet
- Preparation of bill of quantities BOQ, and specification.
- Preparation the pump head calculation for the selection of pump head.
- Calculating the Pipe Sizing for the chilled water system according to the GPM.
- Preparing the Air Distribution system for the complete design.
- Preparing the Static Pressure Calculation for the selection of AHU Fan capacity.
- Incorporating the standards in the Shop Drawings and Sections.
- Preparing the Schematic drawing for the project HVAC System.

■ PROFESSIONAL EXPERIENCE

Organization: Gayatri constructions.(INDIA)

Duration: AUG 2006 to JULY 2008.

Designation: As HVAC Engineer.

Project:

- HVAC & Fire protection design of hotel fish land.
- HVAC & Fire protection design of hotel dwarkaa.
- HVAC & Fire protection design Nike show room.

Responsibilities:

- Preparation of technical room data sheets.
- HVAC Heat load calculations based on ASHRAE and other international codes & standards.
- Preparation single line diagram and giving Guiding to AutoCAD draftsman preparing ducting diagrams ETC.
- Duct design following SMACNA standards.
- Duct system design, supervision, duct fabrication and installation of the ductwork following SMACNA 2, DW 144 codes.
- Responsible for Preparation of Bill of Quantity of Materials for Projects
- Ensure smooth commissioning of the erected HVAC projects.
- Ensure that all HVAC site activities are conducted under controlled conditions as per shop drawings, method statements, and specification and work plan.

■ COMPUTER SKILLS

- HAP (Hourly analysis program) & Elite program.
- AUTO CAD
- MS Office

■ EXTRA CURRICULAR ACTIVITIES

- Participated in various seminars conducted by our college
- Active participation in various cultural festivals
- Part of organizing committees in school and college.

■ STRENGTHS

- Passionate, Practical, Rational, Strong, Persistent & Consistent

■ PERSONAL DETAILS

Date of Birth : 25-04-1982
Father's name : Mr. K.Somayya (Late).
Sex : Male
Material Status : Married
Linguistic proficiency : English, Hindi & Telugu.
Passport Number Old : F3352162
Passport Number New : Z2985948
Nationality : Indian
Driving License No : 3669646 UAE License

I K.Pramod Shankar hereby declare that the above given particulars are true to the best of my knowledge.

DATE: 20/12/21

PLACE: Dubai

(K.Pramod shankar)