



## CONTACT

## OBJECTIVE




## EXPERIENCE

## WORK SUMMARY

# Jaiganesh K

Bachelors in Mechanical Engineering

## Sustainability Consultant & MEP Commissioning Professional

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Tirunelveli district,  [www.linkedin.com/in/jaiganesh-k1990](https://www.linkedin.com/in/jaiganesh-k1990)  
Tamilnadu, India

A performance driven professional passionate about Building services Engineering in aspect of Sustainability & systems Commissioning, supporting and helping the organization to achieve Sustainable goals

Jan 2020 – May 2020 (First week)

### Santrupty Engineers Pvt Ltd., Hyderabad, India

Senior Project Engineer – Third party MEP Commissioning

Project: Wipro Commercial office Building Towers – IGBC Platinum Sustainability rating

- Interact/Work and represent the client and maintain the highest professional standards.
- Provides Engineering and technical support to plan, schedule, coordinate and execute full life cycle commissioning of critical facilities.
- Assist Commissioning in terms of Green Building regulations or requirements
- Witness / Supervise the Contractors works including Installation, Testing, and Commissioning of the MEP systems.
- Conduct field evaluations, develops MEP testing and operating procedures.
- Contractual Communication with the Client / Subcontractors, interprets design and specifications.
- Possessing hands on experience and knowledge of Water cooled Centrifugal Chiller systems, Cooling towers and associated sub systems (both Water cooled and Air cooled), RH/Temp mapping as per given design
- Vacuum test for VRF units , Hydro testing of CHW & Condenser water pipes, Chiller Flushing & Start up procedures , Smoke Testing of UFAD systems , Air leakage & pressure testing , Ventilation Fans, Ducts installation as per SMACNA standard & preparation of test reports.
- Verifying installation of Fire sprinkler pipes, Hydrant pipes, Smoke Curtain systems as per the drawings.
- Support in commissioning and takeover of new facility with respect to mechanical systems.

Aug 2016 - Oct 2019

### Conserve Green building and MEP Solutions WLL., Qatar

Sustainability Engineer & Projects Coordinator

- Implement and monitor all the Sustainability related activities during the design

## EXPERIENCE

## WORK SUMMARY

## KEY PROJECTS HANDLED

& Construction stage.

- Review and approve Material submittals with respect to GSAS, LEED compliance.
- Gather, Compile and generate all the Green Building documentations required during the Construction stage from all the parties involved for the final submissions.
- Coordinate with the relevant project member's / Sub contractors to ensure full implementation and compliance with the sustainability & credit requirements.
- Recommending changes in the design drawings and specifications to the projects design teams to ensure compliance with criteria requirements
- Field experience working with HVAC, Building Automation Systems, TAB team
- Generate Monthly / Quarterly reports as required by the Consultants.
- Attending Progress meetings, Sub con meetings as required.
- Conduct Site walks to ensure compliance with Environmental activity plans like Construction Waste Management, Noise and Air quality measurements, Soil & Erosion prevention etc.,
- Prepared and submitted plans like GSAS Action plan, Construction Environmental Management plan (CEMP) and Construction management plan (CMP).
- Facilitating Site Inspection Audits in liaison with certification body authorities

### GSAS

- ✓ 4 star - Al Bayt stadium (FIFA 2022, Al Khor) , HBK Holdings Headquarters (Lusail City) , The Hamad Hospital & White Palace Underground Metro Stations (Green line phase) , Al Riffa Elevated Metro Station (Green line phase)
- ✓ 3 star - Doha College (13 buildings)
- ✓ 2 star - Doha Red line & Green line Metro Depot, Civil Defense and Preventive Buildings (6 buildings), Qatar Airways Residential Tower ( West Bay) – 2 star certifiable documentation
- ✓ 1 star - Police College (Feasibility report) , National Health Laboratories (Design review )

### LEED

- ✓ Marbu Contracting Head Office Doha -"Platinum" LEED v3 CS , Tram Depot Fit out (Msheireb Downtown )-"Platinum" LEED v3 CI (Design review )
- ✓ **MEP** - Al Bandyar & Fox Hills Residential (10 buildings) - ESP and Pump head calculations

Feb 2014 – June 2016 (Small scale industries)

**Vishnu Automation, Coimbatore , India**

Quality Inspector & Pattern Design development,

Jan 2013 – Dec 2013

**Aqua sub Engineering, Coimbatore , India**

Graduate Apprentice training (Under Ministry of HRD, Govt of India)

## PROFESSIONAL ACCREDITATIONS

- GSAS CGP - GSAS Certified Green Professional, Design + Build (Version 4.0)
- IGBC AP - Indian Green Building Council Accredited Professional
- LEED Green Associate (USGBC Credential Id- 11187291\_SEP 2019)
- Diploma in HVAC Designing and Drafting (6 months)
- Diploma in AutoCAD (2D & 3D) (3 months)

## SOFT SKILLS

- Good report writing skills , Experience of making presentations
- Software proficiency: MS office tools/ AutoCAD / HAP (Hourly Analysis Program) / Duct & Pipe sizer /BRE tool / Revit MEP (Beginner)
- Conversant with Standards ASHRAE 90.1, ASHRAE 62.1 , ASHRAE 52.2 , SMACNA and NBC codes

## EDUCATION

- Bachelor of Mechanical Engineering, **CGPA 7.32**  
St. Xavier's Catholic College of Engineering, Kanyakumari, India  
2012

## REFERENCES

- Mr. Sundararaj Subburaman  
Former Associate Director at Conserve Green Building & MEP Solutions WLL;  
Email: [sundar.70@hotmail.com](mailto:sundar.70@hotmail.com)
- Mr. Seenivasan.S  
Senior Engineer- EHS at Bureau Veritas ;  
Email: [seenivasan.s@bureauveritas.com](mailto:seenivasan.s@bureauveritas.com)