# Contact details :

## India: HP: +91-9500764022/9788741507

**E-mail: pojvin@ gmail.com**

**SIVAKUMAR RAMADOSS**

**Aim:**

Hands on experience in handling Engineering / commissioning activities of HVAC systems, both for large

and small scale projects. Looking for a position as a Mechanical / commissioning Engineer to achieve professional growth and development in a renowned organization.

# Title:

SENIOR MECHANICAL ENGINEER (HVAC) WITH SKILLED EXPERIENCE-14 YEARS EXPERIENCE

# Summary Of Qualification:

DEGREE IN MECHANICAL ENGINEERING – B.E (MECHANICAL) & MBA (PROJECT MANAGEMENT).

# Educational Qualification :

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| --- | --- | --- | --- |
| **Qualification** | **Name 0f institution** | **Year Of Passing** | **Percentage of Marks** |
| SSLC | Vallalar high school, keela kottaiyur, kumbakonam. | 1998 | 83.5%  (First Class) |
| Higher Secondary | Little flower hr.sec.school, Kumbakonam. | 1998-2000 | 67%  (First Class) |

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| **Qualification** | **Name 0f institution** | **Year Of Passing** | **Percentage of Marks** |
| BE (Mechanical Engg) | Annamalai University, Chidambaram. | 2000-2004 | 79% (First Class) |
| MBA (Project Management) | Alagappa University. | 2012 | 65% (First Class) |

**Personal Skills:**

**Computer skills :** BasicM.S.0ffice,Excel,Autocadd , Knowledge in PDMS Modelling

**Languages known :** English,Hindi ,Tamil .

**Positiveness :** Self Confident,Interest to work activities,Good

communication skills,Good Relationship with the people.

# Hands On Experience:

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| --- | --- | --- | --- |
| **Position** | **Department** | **Name Of Companies** | **Duration** |
| **Project Coordinator** | Building sector/ Energy oil and gas | Japan gas corporation – Japan (Yokohama) | From July 2017 to January 2018 |
| **Senior Mechanical Engineer/HVAC specialist** | Building sector/ Energy oil and gas | ABB Pte Ltd-**Singapore** | From Dec 2014 to July 2017 |
| **Senior Mechanical Engineer** | Building sector/ Energy oil and gas | Siemens Pte Ltd-  **Singapore** | From March 2011 to Nov 2014 |
| **Project Engineer.** | Building sector- MEP | Arabian Airconditioning Company -**Qatar** | From Jan 2009 to Dec 2010 |
| **Assistant Project** | MECHANICAL- | Trans Gulf Electro | From July 2006 to Dec |

|  |  |  |  |
| --- | --- | --- | --- |
| **Position** | **Department** | **Name Of Companies** | **Duration** |
| **Engineer.** | HVAC-MEP | Mechanical L.L.C,  **Dubai-U.A.E.** | 2008 |
| **Junior Engineer.** | MECHANICAL- HVAC-MEP | Surya Design consortium-Neyveli  -**India** | From May 2004 to June2006 |

**Projects Handled in JGC – RUSSIA (YAMAL REGION):**

1. YAMAL LNG PROJECT – YAMAL REGION Client : YAMGAS

Profile : E house &Staff accommodation building HVAC Installation, Testing & Commissioning and operation.

# Projects Handled in ABB – Singapore :

1. PFLNG2 – KOREA(E-house & Accommodation Building) Client : JGC –JAPAN GAS CORPORATION.

Profile : LER S7 & P7 -HVAC Design, Supply ,Installation, Testing & Commissioning.

1. ENI ANGOLA –East hub development project – Africa(E-house & Accommodation Building) Client : PETRONAS.

Profile : E house &Accommodation building HVAC Design, Supply ,Installation, Testing & Commissioning.

# Projects Handled in Siemens – Singapore :

1. GLNG – Australia (E-house & Accommodation Building)

Client : Bechtel Corporation.

Profile : HVAC Design, Supply ,Installation, Testing & Commissioning (Train 1 & 2).

1. Brunei Shell Petroleum B1P –Power Gen .Module –Brunei (E-house & Accommodation Building) Offshore Platform.

Client : Shell Petroleum.

Profile : HVAC Design, Supply ,Installation, Testing & Commissioning.

1. Brunei Shell Petroleum B1P –Compressor .Module –Brunei (E-house & Accommodation Building) Offshore Platform.

Client : Shell Petroleum.

Profile : HVAC Design, Supply ,Installation, Testing & Commissioning.

# Major Projects Handled in Middle East :

## Nakilat Ship Repair Yard (ACCOMODATION BUILDING)–Qatar.

Client –Qatar Gas Transportation co.(Nakilat). Project Value- QR 150 Million.

Profile – 3 Types of E-house .

## Qatar Airways 4 star hotel –Doha ,Qatar

Client –Qatar airways

## Nakilat Ship Repair Yard (OFFICE BUILDING)–Qatar.

Client –Qatar Gas Transportation co.(Nakilat). Project Value- QR 250 Million.

## Emirates Aviation college (Crew training)in dubai near to Airport terminal \_1.

Client – M/s . Emirates Airlines-DUBAI.

Profile – Training Building (Ground + 7F + RF) + Education Building (G+4+R)+Car Park Building (Basement+ G+6F+RF).

Classification –Aviation Crew Training Facility.

## Mechanical District cooling plant in Health care city( 24,000 TONNAGE Capacity)- DUBAI.

Client – M/s . Emirates central cooling systems corporation

(Empower).

Project Features – District cooling plant of 24,840 TR Chiller plant district cooling plant building 58,104 sq.ft.

Classification – District Cooling plant.

# Job Responsibilty :

* 1. Detail study of HVAC drawings , design objectives ,codes & standards and develop designs in regards to the requirements of optimize and improvise.
  2. Follow HVAC concepts,basis of design,ASHRAE,SMACNA ,ARI ,Norsok, Australian standards for total systems.
  3. Preparing Design basis report based on the HVAC load optimized in the total Module & HVAC Commissioning Procedure.
  4. Involvement in - Cooling load calculation, ESP calculation , Inertia base calculation,Noise level calculation ,Equipment selection, Ducting selection, etc.
  5. Preparing of Duct size, Static Pressure calculations and Bill of Quantities.
  6. Submission of all design documents as per client requirements and getting the approval for Installation, Testing & Commissioning.
  7. In depth knowledge in retro commissioning, energy analysis, HVAC, automation, and Module system monitoring .
  8. Well versed in understanding and developing commissioning test procedures, schematic diagrams, and specifications .
  9. In depth knowledge of HVAC systems, E-House design and complete construction phases .
  10. Well exposed in Module operational requirements, DDC Controls, HVAC design, CX site requirements, safety, and project financial management .
  11. Proficient in engineering principles, HVAC selection, and electrical circuits Sound knowledge of thermodynamics and heat transfer systems .
  12. Responsible for developing end to end commissioning plans as well as perform survey of field commissioning services .
  13. Handle the tasks of generating functional test procedures, defining standard methods and techniques of obtaining bet test result .
  14. Performed responsibilities of monitoring potential enhancements as well as assists the commissioning manager developing commissioning procedures .
  15. Responsible for preparing field reports, verifying commissioned equipment, and troubleshooting HVAC equipment.
  16. Preparing design basis report based on the HVAC Commissioning Procedure.
  17. Follow the guideliness set by the national/International and offshore standards & srutinize every aspects to the details.
  18. Well versed in communicating with excellent project management skills.

# Personal Details:

Name : R.Siva Kumar.

Father Name : R. Ramadoss ( Ex- ARMY).

Date Of Birth : 12.06.1982.

Sex : Male.

Nationality : Indian.

Passport No : Z2379421.

Date Of Issue : 28/12/2012.

Date Of Expiry : 27/12/2022.

Place Of Issue : SINGAPORE. PermanentAddress : 133, Alavanthipuram(west street),

swamimalai (post), papanasam(TK), Tanjore (DT), Tamilnadu ,

India.

Phone(HP) : +91-9500764022.

# Declaration:-

I consider myself familiar with Mechanical Engineering Aspects. I am also confident of my ability to work in a team or individually with high enthusiasm and positiveness. I hereby declare that the information furnished above is true to the best of my knowledge.

**Date: 15 / 04 / 2018. R. Siva Kumar,**

**(Senior Mechanical Engineer)**