

Contact details :

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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 :

Qualification	Name of 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)

Qualification	Name Of 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 : Basic M.S. Office, Excel, AutoCAD, 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:

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 :

2. PFLNG2 – KOREA(E-house & Accommodation Building)

Client : JGC –JAPAN GAS CORPORATION.

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

3. 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 :

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

Client : Bechtel Corporation.

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

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

Client : Shell Petroleum.

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

6. 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 :

1. **Nakilat Ship Repair Yard (ACCOMODATION BUILDING)–Qatar.**

Client –Qatar Gas Transportation co.(Nakilat).

Project Value- QR 150 Million.

Profile – 3 Types of E-house .

2. **Qatar Airways 4 star hotel –Doha ,Qatar**

Client –Qatar airways

3. **Nakilat Ship Repair Yard (OFFICE BUILDING)–Qatar.**

Client –Qatar Gas Transportation co.(Nakilat).

Project Value- QR 250 Million.

4. **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.

5. 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 Responsibility :

- 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.
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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)**