

## **COVER LETTER**

Dear Sirs/madam,

I Myself SELVASINGH J done my graduation in mechanical engineering from Government College of technology, after my graduation I have got experience in Hvac and marine fields. I have a good experience in both sales and operational field which makes me to choose right technology for the customer. And also which enhances the profit for the company. I do achieve sales targets with complete dedication. I have done couple of project in abroad too, which makes me to do the projects with more confident in any national or international markets, also the same experience enhances me to do the best for any kind of clients. I dealt with consultants, architects, resort engineering teams, hotels etc...I have dealt with many mechanical machineries which gives me fast adaptability to any kind of technology & projects. If I get a chance I will prove my best and also success & profit is my moto.

Thanks and regards,

Selvasingh J.

**Contact Details:**

Name SELVASINGH.J B.E

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Country: INDIA

Pass port no: H1590258

PAN Card no: BSMPS8268R

Current Location: Tamil Nadu

Mobile: +919585961177

**MOTO:**

To have a challenging field and to make my efforts towards my organization's greater growth.

**Education:**

Qualification: B.E, Mechanical & Marine MOT CL-IV,

Class: First

Specialization: Mechanical

Institute Name: Anna university-(Since 1945 Coimbatore Zone).

Year: 2007 Pass out

Percentage: 66%

Higher secondary: St.Mary's higher secondary school.

Percentage: 87.3%

Group: Maths, computer science, physics, chemistry

S.S.L.C: St.Johns higher secondary school

**Experience Summary:**

SL.No	Company Name	Designation	Year	Activity
1	ETA ENGINEERING PVT LTD.	Sales Engineer	June 2007 to Nov 2009	Air-conditioning Product sales & Central plant project Sales.
2	Great Eastern shipping Pvt. LTD	Plant Operation Engineer- Junior Engineer	Jan 2010 to Dec 2011	Power generation Plant, Industrial Boilers, Steam driven Cargo oil pump Turbine - operational Engineer
3	Susin-I-Tork(India)Pvt Ltd	Senior Sales Engineer	Jan 2012 to 2013 April	Industrial process Automation Product Sales for HVAC..
4	FAR HORIZON PVT Ltd, Maldives.	Project Sales Engineer	2013 June to 2014 Dec	TRANE HVAC PRODUCTS, Chillers and insulation products, FCUs, etc,
5	GREAT EASTERN SHIPPING CO PVT LTD.	Plant Operation Engineer- Senior engineer	2015 Jan to till date.	Hvac plant, power plant operation and maintenance.

## **SKILLS UNDERGONE IN HVAC SYSTEM:**

Carry out Heating ventilation and air Conditioning (HVAC) Surveys.

- \* Prepare heat load calculations
- \* Preparation of Technical submittals of various materials, equipments etc.,
- \* Preparation of project schedule using MS Project or primavera
- \* Carry out detailed design, calculations
- \* Carry out regular design reviews
- \* Understand the specifications and tender conditions accordingly design.
- \* Receive, analyze and evaluate quotations suiting our requirements.
- \* Implement cost effective measures for reducing project cost.
- \* Preparation & Maintenance of design files and documents.
- \* Conduct quality survey
- \* capable of discussing with the clients/ consultants/ other agencies to carry out the design activities
- \* knowledge about other services like electrical, PHE etc to carryout design co-ordination
- \* SAP knowledge to prepare purchase requisitions
- \* Discussing with the design team and project team for the manufacturing clearances.

\* Timely visit the site to check the equipment/materials to ensure as per the specifications.

\* Evaluation of the vendor offer technically and negotiate along with the purchase department to ensure the tech-commercial deal.

## INDUSTRIAL PLANT AND MACHINERIES OPERATIONAL EXPERIENCE:

### 1.ENGINE

BHP:10050,

TYPE: 2- Stroke, in-line,

MAKE: MAN B&W

### 2. GENERATORS:.

Make: Caterpillar

Rated power: 746.5 Kw

Bore: 145mm

Cooling type: sea water type

Configuration: inline

### 3. Boilers:

Capacity: 10,000 KJ/Hr

Make: Aalborg,

Type: Water tube boiler

4.Pumps, Purifiers, Motors, Compressors, Steam driven Cargo oil pump turbine,

AC compressors and refrigeration compressors,

Plate type and shell type heat exchangers.

SKILLS UNDERGONE IN INDUSTRIAL PLANT CONTROL & AUTOMATION:  
FOR TURNKEY PROJECTS:

1. SELECTION OF VALVES FOR MEDIUM FLOW CONTROL
2. SELECTION OF TORQUE OF VALVE
3. SELECTION OF ACTUATOR FOR THE VALVE SELECTED WHOSE TORQUE SHOULD BE GREATER THAN OR EQUAL TO VALVE TORQUE WITH SAFETY FACTOR.

1. Five Step Guide to Initial Actuator Selection

Step 1 - Actuator Input Speed

Step 2 - Operating Input Power (kW), P

Step 3 - Operating Input Torque

Step 4 - Actuator Start-Up Torque

Step 5 - Mechanical Power and Torque Check

Then the actuator selected is acceptable for power requirements

Also can do good presentation to the customer about the product of the company

PROCESS CONTROL APPLICATIONS:

1. Boiler Water Level Controlling as per the water level sensor signal.
2. Pressure and flow-rate controlling for Air compressor
3. Temperature, Pressure and flow-rate controlling as per the sensor signal registered in controller
4. Damper Automation for modulating flow of chemical under 400 Deg-Celsius temperatures.

ACADEMIC PROJECTS:

1. Project in Quality control analysis for the bearings produced in the SIMSON group of companies.
2. Made a detailed paper presentation on the tribology of various lubrication systems

3. Paper presentations in automation and automotive indexing machines for drilling.

4. Submission of various scientific papers to colleges and institutes.

#### SALES PROJECTS UNDERGONE BY ME AND BOOKED BY COMPANY:

Client Name: RGA SOFTWARES,BELLANDUR-Vapour Compression Projects.

Duration: From Apr 2008 To Jan 2009

Client Name: GEITC, Whitefield-Vapour absorbsion .

Duration: From Dec 2007 To Mar 2008

Client Name: MICO TCI, AUDIGODI-Vapour compression.

Duration: From Nov 2007 To Dec 2007

Client Name: HONEY WELL- Vapour compression.

Duration: From Aug 2008 To Oct 2009

Client Name: NTPC

Duration: From MAR 2012 TO April 2012

Client Name: JSW STEEL PLANT-BOILER steam line automation.

Duration: From AUG 2012 TO SEP 2012

Client Name: Water treatment for chempure Technologies.

Duration: From SEP2012 TO OCT 2012

Client Name: Proceca Automation,Mumbai

Duration: Aug 2012 to Sep 2012.

Client Name: Hi-Tech engineers

Duration: Sep to Oct 2012

All projects valued more than 6crore.

#### IT Skills

C, C++, Java

ERP, Ms-Excel

PRO-E,  
Ansys,  
Catia.

### Desired Job Details

Preferred Location: Anywhere in India  
Job Type: Permanent  
Employment Status: Full Time

### Others

Languages Known  
ENGLISH: Expert (Read, Write, Speak)  
HINDI : Expert(Read, Write, Speak)  
TAMIL: Proficient(Read, Write, Speak)

### Personal Details:

Date of Birth: 29 Aug, 1984  
Gender : Male  
Member of associations: ISHRAE(Indian society of heat ventilation, refrigeration and air-conditioning engineers), IAENG ,International association of engineers, association of marine engineers).  
Pass port number: H 1590258(old pp)/R  
Marital Status: Married.  
Mailing Address: No: 16/614,24th street,  
Shanthi nagar, palayamkottai,  
Tirunelveli.  
Pin code: 627002  
City: Tirunelveli  
Alternate Email ID: selvasingh7777@yahoo.com;  
Hobby: Reading books and listening music