**E.Saravanan**

S/o.D.Eliyavel,

Mamoondy road,

Health-sub-centre, Mobile: 9942463872

Attayampatti (po),

Salem (Dt)-637501 Email:saravanane490@gmail.com

**OBJECTIVE**

To associate myself in highly challenging and creative career where I can apply my skill and contribute effectively and efficiently to the organization.

EDUCATIONAL QUALIFICATIONS:

* B.E MECHANICAL ENGINEERING from Thiyagarajer College of Engineering affiliated to

Anna University,Tirunelveli. In the year of 2008-2011 with an aggregate mark of 76.90%.

* Diploma in Automobile Engineering from K.S.R Polytechnic College affiliated to DOTE, Chennai. In the year of 2005-2008 with an aggregate mark of 89.21%.

**WORK EXPERIENCE:**

**JOB PROFILE-1:**

* Currently working as Turbine Engineer (**2\*600MW ITPCL Power Project**) with **M/s. Shandong Tiejun Electric Power Engineering Company Ltd., Qingdao, China** for M/s. Saraswathy India private Ltd., at Cuddalore.

**RESPONSIBILITIES:**

* Responsible for erection and commissioning of Pump house and piping for 2X600 M.W (ITPCL) power plant.
* Expertise on Planning, co-ordination and supervising of manpower during installation, commissioning and maintenance activities.
* Planning of Pumps&Steel gate and HTPE piping’s erection activities for day-to-day and monthly basis to meet the actual plan.
* Preparing the final punch list and clearance for the final box up.
* Co-ordination with customer and Chinese supplier for various project requirements.
* Checking of Monthly bills for Sub contractor.

**JOB PROFILE-2:**

* Worked as Executive -Mechanical Engineer in 2\*20MW. Co-generation power plant in turbine operator at **Shree Ambika Sugars Limited (Power division) pennadam.** Make-Extraction cum condensing turbine. And 3-phases, AC Synchronous Generator.

With working temperature and pressure of 515&86kg/cm2.

**RESPONSIBILITIES:**

* Operation, Startup and Shut down of Turbine through DCS.
* Monitoring turbine parameters through Electro Hydraulic Governor- Woodward505E.
* Monitoring preventive maintenance schedule for all equipment’s.
* Monitoring parameters of turbine and generator through DCS.
* Monitoring vibration parameters through Bentley Nevada.
* Issuing permits to respective departments for Preventive Maintenance.
* Handling Emergencies Like unit Blackout, Home Load, and Major Equipment’s Trips.
* Repairing Monthly power reports, Day report, Shift wise report, etc.
* Operation & maintenance of turbine accessories (Lubrication system, condenser, ejector, cooling water system).

`

**JOB PROFILE-3:**

* Worked as graduate apprentice trainee (**7\*210MW**) Thermal power stations in **Neyveli Lignite**

**Corporations Ltd-India**. From October 2011 to October 2012.

**JOB DESCRIPTION:**

* Basic knowledge in operation and maintenance in Franco thoshi liganano- italiya, Multi cylinder turbine. Stages (HPT, IPT, LPT) Working temperature and pressure is545&155bar.
* Trained maintenance work in condenser, HP and LP heaters, Dearators.
* Exposure in flow control valves, Monitoring running parameters of turbine vibrations and axial shifts through DCS.
* Basic knowledge in boiler operation and maintenance in EVT natural circulation, tangential firing system, Pulverized fuel boiler. Capacity is 690 T/hr.,Working temperature and pressure is545&155bar.
* Exposure in boiler Drum, down comer, BFP, SCAPH, RAPH, Soot blowers and Water lances operations. And also trained in Boiler puncture works for Super heaters, Re-heaters and Economizers coils.
* Exposure in boiler super heater and re-heater injection systems, Balance draft systems and Beater wheel mill operations.

**PROFICIENCY:**

* Auto cad-2008
* PRO-E
* MS Office

**PROJECTS:**

* “Main project- Failure Analysis of laminated Composite Material-drop weight Impact.”
* “Mini project- Fabrication of Auto Bot.

**IN PLANT TRAINING:**

* Diesel loco shed-Erode- Assembling and dismantling of locomotive engines.
* State projects coordination units-Chennai- Maintenance of two and four wheelers.
* V.S.T service stations-Salem-Reconditioning of (6&4&3 in line IC engine Cylinders).

**AREAS OF INTERST:**

* Power plant
* Automobile engines

**PERSONAL DETAILS:**

Father name : D.Eliyavel

Date of Birth : 03.06.1990

Age : 24 yrs

Gender : Male

Marital Status : Single

Nationality : Indian

Language : Tamil & English

**DECLARATION:**

I hereby declare that all the information furnished here are true to the best of my knowledge and belief.

**Place:** Yours faithfully

**Date:**

**(E.SARAVANAN)**