

E.Saravanan
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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 Thiagarajar 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 is 545&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 is 545&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)