**NAME :VIGNESH**

**EMAIL ID :** [**vighnesh.388082@2freemail.com**](mailto:vighnesh.388082@2freemail.com)

**OBJECTIVE:**

Looking for the job opportunities to work in a challenging situation where I would utilize my knowledge and experience that will contribute to the organizational growth and help me in building a result oriented professional career.

**ORGANIZATIONAL EXPERIENCE:**

**3+ Years** of Experience in the area of Operation and Maintenance of Thermal Power Plant.

* Currently Worked with **OPERATIONAL ENERGY GROUP INDIA LIMITED** as **Operations Engineer** at Cauvery Power Generation Chennai Pvt, Ltd., **1\*63MW** from **Dec 2016 to Oct 2018.**
* Graduate Engineer Trainee at National Power Training Institute -Neyveli Lignite Corporation [NLC]-Thermal Power Station II 7\*210MW, Neyveli from August 2015 to Sep 2016.

**JOB RESPONSIBILITIES:**

* Operation of 63MW., CFBC Boiler with Natural Circulation, Single Drum, High Temperature, Balanced Draught, Front wall Coal Feed and Steam Turbine.
* Responsible for Lining up of systems during **Cold Start-up, Hot Start-up and Shut Down.**
* Monitor and Maintain the Plant Parameters, take Corrective actions in case of deviations.
* Familiarization with Power Plant Protections & Interlocks.
* Having Knowledge of **PRDS, Ejector and Condenser Charging.**
* Operation Knowledge of **WOODWARD** Governing System.
* Monitoring and Controlling the Bleed Steam Extraction of HP Heater, Lp Heater and Deaerator.
* Maintenance Knowledge of Turbine Field[**Lube oil Cooler, Lube oil Filter, Control oil Cooler & Control oil Filter]**
* Condition Monitoring of MOP, JOP, BFP, Hot Well Pump, CEP and Submit the report.
* Emergency Preparedness and Emergency Operating Conditions.
* Performs auxiliary Equipment’s proper Change-Over,Run up.
* Maintaining Log Book Of Operation Parameters during shift hours.
* **Isolation & Restoration of Equipment** whenever Permit to Work issued by Shift Incharge Engineer.
* Having Good Knowledge in **PTW** System like Hot Work, High Elevation, Confined Space Entry, Cold Work.
* Knowledge of **ISO 14001, OSHAS 18001, ISO 50001.**
* Having Knowledge of Preventive, Corrective and Breakdown Maintenance of Mechanical Equipments.
* Having Good Knowledge in **Combined Cycle Power Plants.**

**PLANT DETAILS:**

* 250TPH CFBC Boiler, Make: The People Republic of China Hangzhou Boiler Co,Ltd.
* 63MW of Condensing Steam Turbine, Make: The People Republic of China Hangzhou Turbine Co,Ltd.
* Air Cooled Condenser, Make: Shanghai Leichun International Co Ltd.

**ACADEMIC QUALIFICATION:**

2016 **Post Graduate Diploma in Thermal Power Plant Engineering** 71.38%

National Power Training Institute, Neyveli.

[Under Ministry of Power, Govt of India.]

2015 **BE** in **Mechanical Engineering** 66.3%

AVC College of Engineering, Mayiladuthurai.

[Under Anna University,Chennai]

2011 **Higher Secondary Public Examination**

Christ King Matriculation Higher Secondary School, Kumbakonam. 77.16%

[Under Govt of TamilNadu]

2009 **Matriculation School Leaving Examination**  84.6%

ARR Matriculation Higher Secondary School, Kumbakonam.

**COURSE WORK:**

* Boiler, Turbine Operations.
* **Gas Turbine and Combined Cycle Power Plants.**
* Power Plant Protection, Control & Instrumentation.
* Power Plant Safety, Generators & Transformers.
* Erection, Commissioning and Construction Management.

**CERTIFICATION COURSE:**

Completed course on **Level II**  **NON DESTRUCTIVE TESTING** in Ultrasonic testing, Radiography Testing, Magnetic Particle Testing and Penetrant Testing Methods.

**INPLANT TRAINING:**

* On Job Training for Operation and Maintenance in Neyveli Lignite Corporation [**NLC**]-**Thermal** **Power Station II 7\*210MW**, Neyveli.
* I have attended training on **210 MW Thermal Power Plant Simulator** at National Power Training Institute in Nagpur during PGDC in TPPE.
* Visited to **STATE LOAD DESPATCH CENTRE [SLDC]** of TNEB at Chennai.
* Tamil Nadu State Transport Corporation Limited, Kumbakonam. [RC Unit]
* Good Win Motors, Madras. [Practical Training On Bikes, Cars and Engines].

**COMPUTER KNOWLEDGE:**

MS Office.

**SOCIAL ACTIVITIES:**

* Participated in various concurrent programmes organized under **NATIONAL SERVICE SCHEME [NSS]**during 2011-2013.
* Participated in the Seven day special camping programme organized by NSS.

**PERSONAL DETAILS**

**Name :** Vignesh

**Date of Birth :** 08-09-1993

**Gender :** Male

**Nationality :** Indian

**Religion :** Hindu

**Marital Status :** Single

**Languages Known :** English , Tamil

**Areas of Interest :** Power Plant Engineering

**Hobbies :** Gardening, Listening Music

**Strength :** Assertive Personality,

I can adapt to any situation