THIYAGARAJAN.D

B.E - MECHANICAL

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| ***Profile*** |

MAIL I.D **:** thiyagu.phoenix@gmail.com

MOB NO **:** +91- 9787118536

Date of birth **:** 24.10.1987

Linguistic Skills **:** English & Tamil

Family Status **:** Single

**QUALIFICATION:**

* **B.E-Mechanical Engineering** at PonnaiyahRamajayam college, Tanjore,secured - 7.77 CGPA
* **Diploma-Mechanical Engineering** at Laxminarayana Polytechnic College, Dharmapuri, secured - 71.17%

WORK EXPERIENCES

**Project Trainee** at **BHEL** (Trichy)

[From Nov 2010 to Apr 2011]

**Graduate Apprentice Trainee** at **NLC** (Neyveli Lignite Corporation)

[From October 2011 to October 2012]

**NEYVELI LIGNITE CORPORATION**

**THERMAL POWERSTATION**

This 420MW capacity power station consists of 2 units of 210 MW each. The Lignite requirement for this Power Station is 2.94 Million Tons per annum. The Lignite  Fired  Power  Station Undergone training and has exposure in the following areas of 2x210MW Thermal Power Station.

* Assisting in Startup/shut down activities, emergency Operations of the Steam Turbine and its auxiliary equipments.
* Periodical checking of vibration measurement in Turbine
* Studied the design, operation and performance of Turbine equipment, components and its Lube Oil systems.
* Trained in Operation of Boiler & its Auxiliaries, Lignite Handling System, Ash Handling System& Overall Plant Operation.
* Assisting in work which involves conventional engineering practices.

**MINE – I**

* Undergone training and has exposure in working of SME – Specialized Mining Equipment of 1400 Lts capacity of Bridge Boom type Bucket Wheel Excavators, Spreaders with a overburden dumping capacity of 20,000 T/hr, Mobile Transfer Conveyor & Tripper car.
* Trained in daily routine maintenance work of SME’s.
* Assisting in Centralized Lubricating System of BWE & Reconditioning of Lube system.
* Assisting in Track Roller changing of BWE, Stacker &Reclaimer.
* Exposure in Steel Cord Belt Conveyor Technology of 2000 T/hr capacity.
* Exposure in Drive Head Station & Tail End Station structures of Conveyors.

**INTERNAL COMBUSITION ENGINE:**

* All type of engine Assembling and Disassembling.
* Manually Overhauling like Kirloskar engine, Ashok Leyland engine, Tata Cummins.
* Troubleshooting problem solve in buses, trucks.
* Working in a fuel injection pump section.
* Working in cylinder head boring section & store keeper in engine spare section.
* In fluid machinery clutch arrangement also done.
* Undergone training and has exposure in working of SME.

**TESTING:**

* Exposure in Non-Destructive particles testing in Turbine.

**JANGILI FIRETECH PVT LTD**

**O&M ENGINEER (DECEMBER 2012 - PRESENT)**

**Job Responsibilities:**

* Fire Fighting & Fire Suppression System.
* Conceptual Layout of Fire Fighting Systems (including fire water main, hydrants, monitors, hose reel, deluge water).
* Spray systems, foam systems, portable fire extinguishers, etc.)
* Piping and Instrument Diagram of Fire water systems (Fire Pumps, Fire water mains, Deluge systems, Foam System)
* Data sheets for firefighting equipment.
* Technical Evaluation of Fire Fighting Equipment Vendor's Proposals.
* Hydraulic Calculation of fire water systems (Fire water network and Deluge water spray systems)
* Extinguisher CO2 4.5 kg & 22.5 kg , ABC 5kg ,DCP 5 kg maintained for Refilling purpose.***ompetence***

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| ***Other Competence*** |

**COMPUTER COMPETENCE:**

Design : AutoCAD

MS-Office : MS-Word -MS-Excel

**SKILLS SET:**

* Leadership
* Quick decision making
* Building the Contacts
* Adaptability

**STRENGTHS:**

* Good communication skill.
* Ability to work hard.
* Ability to build motivation.

Thanking you,

Date : yours faithfully

Place : **D THIYAGARAJAN**