**Harivignesh**



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**OBJECTIVE:** To have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

**QUALIFICATION:**

* Bachelor’s Degree in Mechanical Engineering (2015) - Adhiyamaan College of Engineering, India with CGPA: 9.01.

**ACHIEVEMENTS:**

* Undergone 14 energy audits in textile industry and saved considerable amount of energy in compressed air system.
* Eliminating machine failures which resulted by decrease in downtime by 13%.

**SOFTWARE KNOWN:**

* AUTO CAD 2010
* CATIA V5 R20
* Microsoft Office

**EXPERIENCE:**

SITRA,Coimbatore, India - **Energy Audit Engineer** Apr 2017 - Jan 2019

* Analyze equipment performance with respect to energy efficiency.
* Compare existing energy consumption levels to normative data and calculate potential energy savings.
* Establish data recording, collection and analysis system to keep track of energy consumption.
* Identify and prioritize energy-saving measures.
* Prepare audit reports containing energy analysis results and recommendations for energy cost savings.
* Quantify energy consumption to set up baselines for energy use.

**Prumatech Services Pvt. Ltd.**, Chennai, India - **Graduate Engineer Trainee** Oct 2015 - Sep 2016

**On-Site Project:** ITC LTD, SBU – Packaging and Printing, Chennai, India

* Analysis of machine failures.
* Assessing the needs of equipment replacements & spare parts.
* Daily performance of machines, calculation and reporting at monthly basis.
* Diagnose causes of malfunctions by sight, sound, or actions of machine.
* Repaired and maintained pumps, blowers and pneumatic systems.
* Performed preventive maintenance as well as condition based maintenance.
* Replacing the spare parts of the machines as and when.
* Responsible for maintaining an inventory for the requirement of the supplies and spare parts.
* Responsible for performing routine maintenance.

**PERSONAL DETAILS:**

* Nationality : Indian
* Gender : Male
* Marital status : Single
* Languages known : English & Tamil