**AATHISESHAN**

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**Objective**

To get an opportunity in a concern to provide a meaningful contribution for the growth of the company that provides me good growth opportunities.

**Professional Summary**

*Techmas Technical Services Pvt. Ltd* *May 2016- April 2017*

***Job Designation: Inspection Engineer***

***Profile:***

Techmas technical services is an Inspection & Expediting Services Ltd & a third party inspection company which provides Qualified and Experienced Inspectors and Consultants to the all major O&G Companies, Engineering firms & Installation contractors.

***Projects Handled:***

*KNPC Clean Fuels Project:*

Under the guidance of our company inspectors, inspected valves of different sizes in L&T valves Limited, Kancheepuram.

***Inspection & Testing:***

* Inspected and tested the products at various stages in the production process.
* Established the testing procedures to determine a product's dimensions and characteristics.
* Performed testing on the materials, parts, finished products to measure product performance under a variety of conditions.

*Effluent Water Treatment and Injection Plant project (EWTIP, KOC):*

Under the guidance of our company inspectors, inspected 29 up to 110KW Variable Frequency Drive Panel (VFD Panel) in ABB India Limited, Bangalore.

***Inspection & Testing:***

* Inspected and conducted insulation test, functional test, type test & performance test.
* Performed all the tests as per FAT procedure & IEC standards.

*For Samsung Engineering Ltd-Yanbu Power & Desalination Plant- Phase 3 project:*

Under the guidance of our company inspectors, inspected various electrical instruments in Nagman Instruments, Chennai*.*

***Inspection & Testing:***

* Inspected and conducted various Type of Electrical, Mechanical, Pneumatic Test Bench, Performance test, witness test & functional test.

***Certifications:***

* ASNT- Level-II Ultrasonic Testing, Radiography Interpretation, Magnetic Particle Testing, Liquid Penetrant Testing.
* Design course- AUTOCAD –Electrical.

**Workshops:**

* Modernization &Development of Renewable Energy Source using Solar & Wind Technologies
* Signal & Image Processing using DSP Tools (Hardware & Software)
* Workshop on Power Electronics
* Workshop on Embedded Systems

**Academic Project:**

***Project Title :***Bridgeless High Power Factor Buck-Converter Operating In Discontinuous Capacitor Voltage Mode

***Domain*** : ***MATLAB***

***Objective* :** Project objective is a new bridgeless single phase ac-dc power factor correction (PFC) rectifiers based on Buck topology operating in Discontinuous Capacitor Voltage Mode (DCVM) is proposed. The bridgeless topology and the presence of only one or two semiconductor switches in the current flowing path during each interval of the switching cycle result in lower conduction losses.The DCVM operation offers additional advantages such as: zero-voltage turn-off in the power switches, zero-voltage turn-on in the output diode, and continuous input current. Hence, the electromagnetic interference (EMI) noise emission is minimized. The converter achieves high power factor naturally with low total harmonic distortion (THD) in the input current.

**Academic Profile:**

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| --- | --- | --- | --- |
| **Course** | **Institution** | **Percentage** | **Year of Passing** |
| B.Tech(EEE) | Bharath University, Chennai | 76% | May 2015 |
| DEEE | Seethaiammal Polytechnic college, Madurai | 72.9% | May 2012 |
| H.S.C | St. Joseph Matric. Hr. Sec. School, Sankarankovil | 59.4% | March 2010 |
| S.S.L.C | Sri Vaiyapuri Hr. Sec. School, Sankarankovil | 78.5% | March 2008 |

**Personal Profile**

**Name :**  Aathi Seshan

**Date of Birth** **:** 17.06.1992

**Sex :** Male

**Nationality :** Indian

**Marital Status :**  Single

**Languages Known :** Tamil, English (To read, write and speak)

I hereby declare that all the above information furnished by me are true and correct to the best of my knowledge.

Place : CHENNAI (AATHISESHAN)