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81750 Masai, Johor, Malaysia.

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Recruiter,  
Emerson Process Management Manufacturing (M) Sdn Bhd

29<sup>th</sup> April 2014

Dear Sir,

Subject: **Application for the post of Manufacturing Manager/Senior Manager**

I would like to apply for the above-mentioned post in your company.

2. I am a graduate from University Technology Malaysia whom completed a degree course in Mechanical Engineering (pure) and I have about 12 years plus experience working in various multinational company in various position in manufacturing field. I have recently been promoted as South East Asia (SEA) Quality Manager in Dyson as a result of my diligence performance in Dyson within 1 year joining the organization. I have strategized and execute the goals of program quality versus overall objective of NPI quality. Core deliverables in this job function would be to manage 3 team leaders and 10 senior engineers on achieving timely drawing sign off, control plan sign off, FMEA and product audit. Excellency of anticipating quality issue from being escapee to the market through execution of core deliverables in systematic manner and ahead of time, constantly receive plaudit from senior member of quality, the respective project team and also Dyson SEA Executive Team.

3. For the previous 2 year plus, I was working in Venture Technocom. In venture I have worked in NPI and also sustaining team as a manager in satisfying customer (external and internal) needs. During the service I have bring along new projects from the existing customer mainly because of the timely manner services on fulfilling customer needs from New Product Stages upon to mass run.

4. I'm a Lean Six Sigma GB certified (Flextronics) and BB trained (Cameron, US and France). I have completed 2 projects with the cost saving near to USD 230k in this 1 year period in Cameron. Primary focus on the project was on manufacturing time improvement concentrating on tooling improvement, machining process improvement, equipment layout improvement, process optimization, and also line design improvement.

5. I have extended years on training and coaching GBs achieving their project objectives and cost saving, dealing on the project subject matter which is not on my field. But I still can deliver the result since I'm more passionate on developing people to achieve their goals. I have trained more than 20 GBs on achieving project cost saving of more than USD 600k in entire years of experience. I have develop an unique technique on motivating GBs to achieve their project goals the soonest possible, which I believe would be an interest to your department.

6. I'm very much interested to work in Emerson, because of the growth and expandable knowledge in the company. In reference to my resume I am a multi-skilled person who needs a very short time to learn about job given. I do understand the responsibility of this position and I will take this as a personal challenge and as an ability to develop my career within the company. I believe that my capabilities and job knowledge will consummate your searching for the right person who fits in the offered position.

Looking towards a favorable reply from you. Thanking in anticipation.

Yours sincerely,

**V. Shree Murugan**

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### **Objective**

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As an experienced 6 sigma Black Belt train working in various Multi National Corporations, where I have acquired knowledge in 6 sigma activities for up keeping at the utmost presentable working conditions with liaison of related parties for implementation of various projects. I would like to enhance my capabilities in wider area of responsibilities, where I can demonstrate at my optimum potential of knowledge.

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### **Strength**

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Project Management Skills, Structured Problem Solving Skills, PSA/Supplier audits on non confirmation drives and closure, drawing literacy on continual spec challenges with design team to quality magnitude, effective report writing skills which can influence beyond direct reporting line, energetic leadership quality with extensive use of communication skills which can influx both upwards, to own team and peers and across multiple countries, teamwork with co-workers and the related departments for execution of organization's goals and ability to work independently with very minimal supervision.

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### **Education**

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1. B Eng. Hons (Mechanical)	University Technology of Malaysia	1996 – 2001
2. SPM Grade 1- Aggregate 14	Sekolah Menengah Rantau	1994 – 1995
3. PMR Grade 7A's	Sekolah Menengah Rantau	1991 – 1993

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### **Others**

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<b>Computer Literacy</b>	Windows, MS-Office, AutoCAD 2000(very well versed), Mechanical Desktop, Solid-Works 2003, Fortran and MSC Nastran, Minitab(very well versed), SAP
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#### **ACHIEVEMENTS AND AWARDS**

In Cameron, 2009	Black Belt Six Sigma Trained
In Flextronics, 2006	Green Belt Six Sigma Certified
In Flextronics, 2003	LEAN, Structured Problem Solving Skills Certified

#### **RESEARCH PROJECT (Collaboration with UTM Professor, in 2005)**

Topic	Performance evaluation of Binderless Diamond Grinding Wheel
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#### **FINAL YEAR PROJECT (THESIS) - Degree**

Topic	Microdrilling of Electronic Materials
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### **Experiences**

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#### **Total Work Experiences: 12 years plus**

- Managerial level: 7 years plus
- Supervisory level: 2 years plus
- Engineer level: 3 years plus

## 1. July 2012 - Current

### Dyson Malaysia Sdn Bhd, Title: South East Asia (SEA) Quality Manager

- Responsible to manage within sub-category lead function (upright). Often collaborate with the Engineering expertise, Electronic Expertise, Service Expertise, Manufacturing Quality and leads the development and implementation of product/program quality improvement plans. Also required to coordinate with Launch Management Team for providing Quality Inputs for milestone and work closely with all discipline and level within and across business.

#### **Achievement in Dyson in this 1 year plus period**

- Quick assessment on X196 safety issue to DPSC (Simon Long)
  - Charger connector exposed due to short mold which assess as low risk as low voltage (below safety risk par) after further investigation in supplier side
  - Charger Pin Spark (Burn Mark) on product level. Root cause investigation found this due to faulty testing socket at supplier side thus classified as appearance issue (low safety risk)
- Extensive drive on GR&R analysis on EB stage, PSA internal control plan audit and various quality activity initiative to achieve in control product manufacturing for reliability betterment
  - X196 overall production quality failure rate < 1%, from JPN & US market feedback
  - X311 overall production quality failure rate < 0.5%, from overall market feedback
- Drive campaign fixes on reliability issue (intermittent power on handheld model)
  - Monitor screw mechanism on main body to battery, deliver before SOP
  - Implement production control to capture intermittent issue on line to prevent escapee
    - ✓ BB Spring 100% rework on line to decrease non contact probability
    - ✓ 100% Go/No Go Checking on connector at Bin Area
    - ✓ 100% 20 Kg pull test to test the connection on main body and motor head
- Direct involvement in ErP project to set forth claim deliverables into product spec
  - Establish correlation study working with Engineering & FD team on product spec vs claim
  - Work with ME team to identify the current vs new equipment for GRR implementation
  - Work with Design team on product readiness for GRR and product spec evaluation
  - Work with FD team on product control spec in production
  - Work with Design, Engineering and PSA/Supplier to have all this spec in control plan
  - Drive changes on design deliverables on product quality improvement via drawing sign off
  - Ensuring all relevant specification and control information is present on engineering drawings.
- Among one example of many root cause analysis done in Dyson (DC65 Static Head Pressure)
  - Ability to identify root cause which is COV issue even by having multiple data inputs but were screen effectively using box plot analysis
  - Ability to work under intense pressure knowing production reject rate was about 40%
  - This to couple with other multiple quality issue as SHP in cleanerhead line on 20% reject, product quality issue (Cyclone related to supplier fault) but still all the problem address systematically
  - Demonstrated interpersonal skills to effectively interact with individuals of all disciplines and levels within and across organization by effectively using statistical approach.
  - Tracking on solution of implementation in a very meticulous manner with engineering team for product quality betterment.
- Effective coordination with Reliability team across territories.
  - Updates communicated in timely manner and with confidence of quality issue resolution.
  - The responses from Prime Sub Assembler are often being challenge and their resolution are well questions to ensure contamination and preventive measures are effectively taken.

## 2. Jan 2010 – July 2012

### Venture Corporation, Title: NPI/CPE Manager

- Responsible for New Product Introduction and Current Product Engineering on the selected project

#### **Achievement in Venture in this 2 years plus period**

Work on NPI and CPE activities and utilization of Lean 6 sigma knowledge on the projects

- Usage of **Gage R & R**, to resolve test equipment issue and part issue (using Repeatability and Reliability)
- **Cp/ Cpk** analysis on parts, **Anova** testing on the failed and pass parts, and further clarified with **2 sample t** test, to find for root cause for material issue.
- **Fishbone** and **root cause** studies to tackle quality issue related to workmanship and etc.

### 3. October 2008 – Dec 2009,

**Cameron International Malaysia Corporation, Title: Lean 6 Sigma Business Leader**

- Responsible to manage the Lean 6 sigma related activity for Cameron plant

#### ***Achievement in Cameron International in 1 year period***

Work on BB project on cost reduction of manufacturing process and achieve 30% reduction on manufacturing cost which is equal to USD 230k saving per annum.

Some of the tools used for this project as per below;

- Usage of **Value Stream Mapping** to get the big picture and identification of **Value Add** and **Non Value Add**; resulted in 30% reduction of unwanted process.
- Data Gathering of Customer Demand, OEE, Man power Allocation, Cycle time, Quality, Inventory into VSM and further analysis using **7 waste** identification and running initial **5S**.
- **Pareto** analysis to identify the problematic area and **fishbone** analysis to further scope down to get the real **KPIV** for the process.
- **Data Analysis** using **Central Limit Theorem (CLT)**, Variation, Shape analysis using **Minitab Software** on before and after machining time improvement.
- Usage of **Gage R & R**, to check the performance of the machinist and implementation of **Standard Work** vigorously in identified process, manage to solve 70% of the problem.
- Variation detection using **Dot pot**, **Box pot** and **Histogram** analysis to select best supplier to deliver raw part for faster machining at our side.
- **Variation analysis** from **Minitab** and **Cpk** analysis to identify machinability of products and the suitability of machining in the machine to increase machine efficiency and tracking it using **OEE**.
- Creation of **Kaizen Project** on Tooling machining time improvement by using capability analysis indices such as **Cpk**, **Ppk**, **Zlt**, **Dpu** & **DPMO analysis**; manage to increase tool performance by 15%.
- Implement the control by using **I-Mr chart** and **X bar chart**.
- Deliver **6 sigma presentations** to management by using **Hyphothesis testing – Test for mean** in **Minitab software** to accept buy off from management.

**Reason of leaving: VSS (Last in, First out).**

### 4. Aug 2003 – September 2008,

**Flextronics Tech. (Malaysia) Sdn Bhd, Title: Lean 6 Sigma Black Belt**

- Responsible to manage the 6 sigma related activity for Tebrau and Tampoi plant

#### ***Achievement as a 6 sigma black belt in Flextronics Tech in 5 years period***

- ❖ Completed 2 six sigma project on Yield Improvement and Optimizing Process, with total cost saving of USD 200k.
- ❖ Trained and mentored around 18 new GB to achieve their project goal and objective and cost saving of USD500k in a year.
- ❖ Trained and mentored around 3 groups on kaizen workshop to achieve cost reduction of USD 50k in a year.
- ❖ Additional tools used in completing this activities as per **DMAIC** method are as per below, **Regression Analysis** for identifying correct frequency for maintenance to increase yield of a process and also **DOE** to get the optimized timing for inspection.
- ❖ Furthermore tracking down the process for sustainability of implementation using **TPM**, **OEE** and also **Visual Control**.

### 5. July 2002 – Aug 2003,

**Emerson Process Management (M) Sdn Bhd, Title: Facilities Eng**

- Responsible to upkeep the facility to ensure minimum disruption to manufacturing plant
- Responsible on Hydro test Machine on testing for quality inspection for production and 3<sup>rd</sup> party inspection.